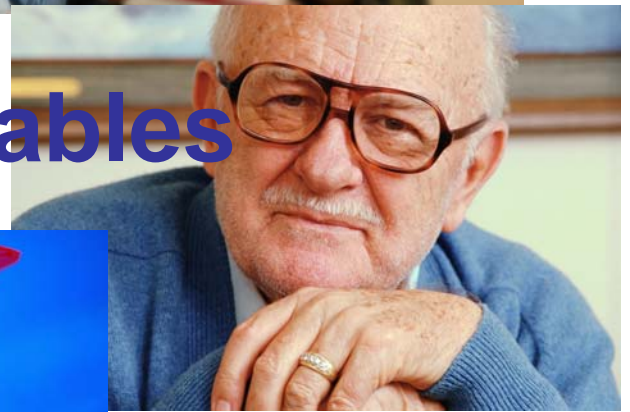


Maricopa County Health Status Report 2001



Reference Tables



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Maricopa County

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For additional copies of this report, please call the Maricopa County Department of Public Health, Office of Epidemiology and Data Services at 602.372.2604. This report may also be found at http://www.maricopa.gov/public_health/epi/ under “Health Statistics and Reports.”

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Introduction

This report provides health status information for the year 2001 for residents of Maricopa County, Arizona. It includes data for morbidity (death), communicable diseases, and natality (birth), as well as information on the size and demographic distribution of the population.

For each disease or health indicator, the following information is provided:

- Number of cases in the county
 - Communicable Disease Example: 145 residents of Maricopa County were diagnosed with confirmed cases of Pertussis (whooping cough) in 2001.
 - Natality (Birth) Example: There were 602 infants born with a very low birthweight (less than 1500 grams) in 2001.
- Rate or percentage of cases in the county
 - Communicable Disease Example: For every 100,000 residents of Maricopa County, 4.5 were diagnosed with Pertussis in 2001.
 - Natality (Birth) Example: Among all live births in 2001, 1.1% were born with a very low birthweight.

All data in this report are for calendar year 2001.

Information on data sources and methodology are in Section V – Technical Notes.

I. Maricopa County 2001 Population Statistics

Maricopa County 2001 Population Statistics

Table 1.01 Population Estimates by Age, Gender, and Race/Ethnicity, 2001

Age by Gender

Age	Males		Females		Total	
	No.	%	No.	%	No.	%
0-4	133,252	8.3%	126,956	8.0%	260,208	8.1%
5-9	127,961	8.0%	122,319	7.7%	250,280	7.8%
10-14	122,738	7.7%	116,324	7.3%	239,062	7.5%
15-19	112,736	7.0%	104,628	6.6%	217,364	6.8%
20-24	123,769	7.7%	110,711	6.9%	234,480	7.3%
25-34	264,863	16.5%	239,760	15.0%	504,623	15.8%
35-44	247,385	15.5%	237,119	14.9%	484,504	15.2%
45-54	189,224	11.8%	196,502	12.3%	385,726	12.1%
55-64	120,483	7.5%	131,855	8.3%	252,338	7.9%
65-74	88,955	5.6%	102,836	6.4%	191,791	6.0%
75-84	55,201	3.4%	77,179	4.8%	132,380	4.1%
85+	14,146	0.9%	28,991	1.8%	43,137	1.3%
Total	1,600,713		1,595,180		3,195,893	

Race/Ethnicity by Gender

Race/Ethnicity	Males		Females	
	No.	%	No.	%
White	1,023,699	56.0%	1,059,549	58.7%
Hispanic	429,299	23.5%	385,699	21.4%
African American	59,108	3.2%	56,304	3.1%
Amer. Ind., Non-Hisp.	25,003	1.4%	27,138	1.5%
Amer. Ind., Hisp.	8,292	0.5%	7,785	0.4%
Asian	36,100	2.0%	39,260	2.2%
Other/2+ Races	19,212	1.1%	19,445	1.1%
Total	1,600,713		1,595,180	

Age by Race/Ethnicity

Age	White		Hispanic		African American		American Indian Non-Hispanic		Hispanic		Asian		Other/2+ Races		Total
	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	
0-4	125,227	6.0%	105,268	12.9%	9,899	8.6%	5,421	10.4%	1,899	11.8%	5,447	7.2%	7,047	18.2%	260,208
5-9	127,927	6.1%	93,455	11.5%	10,769	9.3%	4,988	9.6%	2,083	13.0%	5,107	6.8%	5,951	15.4%	250,280
10-14	133,156	6.4%	78,212	9.6%	11,101	9.6%	5,090	9.8%	1,996	12.4%	4,797	6.4%	4,710	12.2%	239,062
15-19	122,775	5.9%	70,671	8.7%	9,623	8.3%	4,536	8.7%	1,717	10.7%	4,440	5.9%	3,602	9.3%	217,364
20-24	123,410	5.9%	86,751	10.6%	8,750	7.6%	5,496	10.5%	1,503	9.3%	5,587	7.4%	2,983	7.7%	234,480
25-34	288,786	13.9%	162,114	19.9%	18,929	16.4%	9,959	19.1%	2,677	16.7%	17,227	22.9%	4,931	12.8%	504,623
35-44	331,158	15.9%	106,780	13.1%	19,416	16.8%	7,736	14.8%	2,157	13.4%	13,438	17.8%	3,819	9.9%	484,504
45-54	295,404	14.2%	59,119	7.3%	13,271	11.5%	4,724	9.1%	1,110	6.9%	9,458	12.6%	2,640	6.8%	385,726
55-64	207,256	9.9%	28,579	3.5%	6,877	6.0%	2,379	4.6%	551	3.4%	5,207	6.9%	1,489	3.9%	252,338
65-74	166,969	8.0%	15,327	1.9%	4,126	3.6%	1,098	2.1%	282	1.8%	3,107	4.1%	882	2.3%	191,791
75-84	121,280	5.8%	6,816	0.8%	1,987	1.7%	537	1.0%	87	0.5%	1,218	1.6%	455	1.2%	132,380
85+	39,900	1.9%	1,906	0.2%	664	0.6%	177	0.3%	15	0.1%	327	0.4%	148	0.4%	43,137
Total	2,083,248		814,998		115,412		52,141		16,077		75,360		38,657		3,195,893

Source: United States Census, Population Estimates Division. Data on this page were used for calculating all rates (denominators) in this report for 2001.

Maricopa County 2001 Population Statistics

Table 1.02 Population by Race/Ethnicity, Age, and Gender, 2001

Females Age	White		Hispanic		African American		American Indian		Asian		Other/2+ Races		Total	
	Non-Hispanic		Hispanic											
	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%
0-4	60,929	5.8%	51,425	13.3%	4,821	8.6%	2,668	9.8%	971	12.5%	2,738	7.0%	3,404	17.5%
5-9	62,346	5.9%	45,654	11.8%	5,326	9.5%	2,488	9.2%	1,019	13.1%	2,528	6.4%	2,958	15.2%
10-14	64,552	6.1%	38,266	9.9%	5,349	9.5%	2,517	9.3%	1,029	13.2%	2,330	5.9%	2,281	11.7%
15-19	59,834	5.6%	32,990	8.6%	4,643	8.2%	2,281	8.4%	866	11.1%	2,173	5.5%	1,841	9.5%
20-24	60,994	5.8%	37,787	9.8%	4,179	7.4%	2,889	10.6%	698	9.0%	2,647	6.7%	1,517	7.8%
25-29	65,613	6.2%	39,466	10.2%	4,374	7.8%	2,709	10.0%	599	7.7%	4,292	10.9%	1,339	6.9%
30-34	74,773	7.1%	33,420	8.7%	4,536	8.1%	2,464	9.1%	619	8.0%	4,374	11.1%	1,182	6.1%
35-39	80,322	7.6%	27,813	7.2%	4,724	8.4%	2,198	8.1%	530	6.8%	3,768	9.6%	1,044	5.4%
40-44	83,928	7.9%	21,775	5.6%	4,472	7.9%	1,894	7.0%	459	5.9%	3,291	8.4%	901	4.6%
45-49	76,539	7.2%	16,402	4.3%	3,611	6.4%	1,467	5.4%	298	3.8%	2,948	7.5%	746	3.8%
50-54	74,747	7.1%	12,422	3.2%	2,826	5.0%	1,155	4.3%	219	2.8%	2,506	6.4%	616	3.2%
55-59	59,104	5.6%	8,510	2.2%	1,923	3.4%	753	2.8%	159	2.0%	1,687	4.3%	464	2.4%
60-64	49,272	4.7%	6,097	1.6%	1,586	2.8%	594	2.2%	111	1.4%	1,269	3.2%	326	1.7%
65-69	44,571	4.2%	4,762	1.2%	1,259	2.2%	386	1.4%	99	1.3%	1,016	2.6%	245	1.3%
70-74	44,552	4.2%	3,659	0.9%	987	1.8%	239	0.9%	50	0.6%	792	2.0%	219	1.1%
75+	97,473	9.2%	5,251	1.4%	1,688	3.0%	436	1.6%	59	0.8%	901	2.3%	362	1.9%
Total	1,059,549		385,699		56,304		27,138		7,785		39,260		19,445	
Males	White		Hispanic		African American		American Indian		Asian		Other/2+ Races		Total	
	Non-Hispanic		Hispanic											
	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%
0-4	64,298	6.3%	53,843	12.5%	5,078	8.6%	2,753	11.0%	928	11.2%	2,709	7.5%	3,643	19.0%
5-9	65,581	6.4%	47,801	11.1%	5,443	9.2%	2,500	10.0%	1,064	12.8%	2,579	7.1%	2,993	15.6%
10-14	68,604	6.7%	39,946	9.3%	5,752	9.7%	2,573	10.3%	967	11.7%	2,467	6.8%	2,429	12.6%
15-19	62,941	6.1%	37,681	8.8%	4,980	8.4%	2,255	9.0%	851	10.3%	2,267	6.3%	1,761	9.2%
20-24	62,416	6.1%	48,964	11.4%	4,571	7.7%	2,607	10.4%	805	9.7%	2,940	8.1%	1,466	7.6%
25-29	68,902	6.7%	48,590	11.3%	4,857	8.2%	2,511	10.0%	770	9.3%	4,366	12.1%	1,304	6.8%
30-34	79,498	7.8%	40,638	9.5%	5,162	8.7%	2,275	9.1%	689	8.3%	4,195	11.6%	1,106	5.8%
35-39	82,285	8.0%	32,698	7.6%	5,183	8.8%	2,008	8.0%	675	8.1%	3,482	9.6%	988	5.1%
40-44	84,623	8.3%	24,494	5.7%	5,037	8.5%	1,636	6.5%	493	5.9%	2,897	8.0%	886	4.6%
45-49	74,414	7.3%	17,351	4.0%	3,812	6.4%	1,114	4.5%	360	4.3%	2,286	6.3%	712	3.7%
50-54	69,704	6.8%	12,944	3.0%	3,022	5.1%	988	4.0%	233	2.8%	1,718	4.8%	566	2.9%
55-59	54,582	5.3%	8,342	1.9%	1,905	3.2%	591	2.4%	173	2.1%	1,227	3.4%	376	2.0%
60-64	44,298	4.3%	5,630	1.3%	1,463	2.5%	441	1.8%	108	1.3%	1,024	2.8%	323	1.7%
65-69	40,119	3.9%	3,965	0.9%	1,141	1.9%	275	1.1%	92	1.1%	781	2.2%	238	1.2%
70-74	37,727	3.7%	2,941	0.7%	739	1.3%	198	0.8%	41	0.5%	518	1.4%	180	0.9%
75+	63,707	6.2%	3,471	0.8%	963	1.6%	278	1.1%	43	0.5%	644	1.8%	241	1.3%
Total	1,023,699		429,299		59,108		25,003		8,292		36,100		19,212	

Source: United States Census, Population Estimates Division. Data on this page were used for calculating all rates (denominators) in this report for 2001.

II. Maricopa County 2001 Mortality (Death) Statistics

Maricopa County 2001 Mortality (Death) Statistics

Table 2.01a Number of Deaths by Age Group and Race/Ethnicity

Age Group	Race/Ethnicity							Total
	White	Hispanic	African American	American Indian, Non-Hispanic	American Indian, Hispanic	Asian	Other/ Unknown	
<1	145	161	34	18	3	7	3	371
1-4	30	41	7	4	1	3	0	86
5-9	25	13	3	1	0	0	0	42
10-14	23	13	2	3	2	1	0	44
15-19	81	72	4	9	3	3	0	172
20-24	101	121	16	7	4	2	0	251
25-34	291	187	41	30	6	6	0	561
35-44	635	219	73	41	2	12	2	984
45-54	1,172	228	89	46	4	21	8	1,568
55-64	1,754	253	98	51	1	26	2	2,185
65-74	3,302	335	139	51	4	53	8	3,892
75-84	6,063	344	110	35	2	49	6	6,609
85+	5,621	238	98	23	2	22	4	6,008
Unknown	10	3	0	0	0	0	4	17
Total	19,253	2,228	714	319	34	205	37	22,790

Table 2.01b Death Rates by Age Group and Race/Ethnicity
Crude Death Rate per 100,000 Residents

Age Group	Race/Ethnicity							Total
	White	Hispanic	African American	American Indian, Non-Hispanic	American Indian, Hispanic	Asian	Other/ Unknown	
0-4	139.7	191.9	414.2	405.8	210.6	183.6	-	175.6
5-9	19.5	13.9	27.9	20.0	0	0	-	16.8
10-14	17.3	16.6	18.0	58.9	100.2	20.8	-	18.4
15-19	66.0	101.9	41.6	198.4	174.7	67.6	-	79.1
20-24	81.8	139.5	182.9	127.4	266.1	35.8	-	107.0
25-34	100.8	115.4	216.6	301.2	224.1	34.8	-	111.2
35-44	191.8	205.1	376.0	530.0	92.7	89.3	-	203.1
45-54	396.7	385.7	670.6	973.8	360.4	222.0	-	406.5
55-64	846.3	885.3	1,425.0	2,143.8	181.5	499.3	-	865.9
65-74	1,977.6	2,185.7	3,368.9	4,644.8	1,418.4	1,705.8	-	2,029.3
75-84	4,999.2	5,046.9	5,536.0	6,517.7	2,298.9	4,023.0	-	4,992.4
85+	14,087.7	12,486.9	14,759.0	12,994.4	13,333.3	6,727.8	-	13,927.7
Unknown	-	-	-	-	-	-	-	-
Total	924.2	273.4	618.7	611.8	211.5	272.0	-	713.1

Maricopa County 2001 Mortality (Death) Statistics

Table 2.02a Number of Deaths by Age Group and Gender

Age Group	Gender			Total
	Male	Female	Unknown	
<1	205	166	0	371
1-4	41	45	0	86
5-9	23	19	0	42
10-14	29	15	0	44
15-19	131	41	0	172
20-24	205	46	0	251
25-34	423	138	0	561
35-44	650	334	0	984
45-54	1,031	537	0	1,568
55-64	1,282	903	0	2,185
65-74	2,227	1,663	2	3,892
75-84	3,302	3,303	4	6,609
85+	2,179	3,826	3	6,008
Unknown	16	1	0	17
Total	11,744	11,037	9	22,790

Table 2.02b Death Rates by Age Group and Gender
Crude Death Rate per 100,000 Residents

Age Group	Gender			Total
	Male	Female	Unknown	
0-4	184.6	166.2	-	33.1
5-9	18.0	15.5	-	16.8
10-14	23.6	12.9	-	18.4
15-19	116.2	39.2	-	79.1
20-24	165.6	41.5	-	107.0
25-34	159.7	57.6	-	111.2
35-44	262.7	140.9	-	203.1
45-54	544.9	273.3	-	406.5
55-64	1,064.1	684.8	-	865.9
65-74	2,503.5	1,617.1	-	2,029.3
75-84	5,981.8	4,279.7	-	4,992.4
85+	15,403.6	13,197.2	-	13,927.7
Unknown	-	-	-	-
Total	733.7	691.9	-	713.1

Maricopa County 2001 Mortality (Death) Statistics

**Table 2.03a Selected Underlying Causes of Death by Race/Ethnicity
Number of Cases**

Cause		Race/Ethnicity							Total
		White	Hispanic	African American	American Indian, Non-Hispanic	American Indian, Hispanic	Asian	Other/Unknown	
Infectious Diseases	Tuberculosis	8	0	0	0	0	0	0	8
	Syphilis	0	1	0	0	0	0	0	1
	HIV	57	23	14	5	0	0	0	99
Cancer	Stomach	74	19	2	1	1	1	0	98
	Colon	445	34	15	3	0	3	0	500
	Pancreas	262	13	7	2	0	5	0	289
	Lung	1,183	62	37	3	0	16	2	1,303
	Breast	352	33	22	4	0	4	0	415
	Uterine & Ovarian	177	25	5	5	1	0	0	213
	Prostate	251	15	9	0	0	3	0	278
	Urinary	207	14	6	4	1	0	0	232
	Lymphoma	180	13	7	1	0	1	0	202
	Leukemia	197	23	7	0	2	0	1	230
	Other	1,046	106	30	10	1	22	0	1,215
	All Cancer	4,374	357	147	33	6	55	3	4,975
Diabetes and Alzheimer's	Diabetes	406	97	33	28	0	5	0	569
	Alzheimer's	676	25	12	4	0	3	1	721
Major Cardiovascular Diseases	Heart Disease	Hypertensive Heart Disease	213	14	11	2	0	2	243
		Ischemic Heart Disease	4,015	333	115	48	2	29	4,548
		Other Heart Disease	995	66	36	13	0	14	1,127
		All Heart Disease	5,223	413	162	63	2	45	5,918
	Other Cardiovascular	Primary Hypertension	154	15	6	1	0	3	180
		Cerebrovascular	1,210	98	43	9	3	16	1,380
		Atherosclerosis	83	4	3	0	0	0	90
		Other Circulatory	191	15	6	4	0	2	218
		All Other Cardiovascular	1,638	132	58	14	3	21	1,868
Other Respiratory Diseases	Influenza & Pneumonia	524	42	5	8	0	2	0	581
	Chronic Lower Respiratory	1,318	27	26	8	0	6	1	1,386
GI & Urinary	Peptic Ulcer	29	1	2	0	0	0	0	32
	Liver Disease	239	67	9	19	1	1	2	338
	Nephritis	218	41	13	11	0	3	0	286
Pregnancy & Early Life	Pregnancy	1	2	2	0	1	0	0	6
	Perinatal Conditions	67	76	17	7	0	2	3	172
	Congenital Malformations	62	56	6	3	2	5	0	134
	SIDS	10	4	4	1	1	0	0	20
Other Diseases	Symptoms, Signs	81	13	6	3	0	0	0	103
	Other Diseases	2,755	282	93	42	7	30	3	3,212
External Causes	Motor Vehicle Collisions	268	163	23	25	2	6	0	487
	All Other Accidents	655	153	32	20	2	9	5	876
	Suicide	252	34	10	7	2	6	0	311
	Homicide	96	191	28	11	4	3	2	335
	Other External Causes	32	17	2	1	1	0	1	54
	All External Causes	1,303	558	95	64	11	24	8	2,063
Unknown		264	11	10	6	0	3	4	298
Total		19,253	2,228	714	319	34	205	37	22,790

Maricopa County 2001 Mortality (Death) Statistics

Table 2.03b Selected Underlying Causes of Death by Race/Ethnicity
Crude Death Rate per 100,000 Residents

Cause		Race/Ethnicity							Total	
		White	Hispanic	African American	American Indian, Non-Hispanic	American Indian, Hispanic	Asian	Other/ Unknown		
Infectious Diseases	Tuberculosis	0.4	0	0	0	0	0	-	0.3	
	Syphilis	0	0.1	0	0	0	0	-	0.0	
	HIV	2.7	2.8	12.1	9.6	0	0	-	3.1	
Cancer	Stomach	3.6	2.3	1.7	1.9	6.2	1.3	-	3.1	
	Colon	21.4	4.2	13.0	5.8	0	4.0	-	15.6	
	Pancreas	12.6	1.6	6.1	3.8	0	6.6	-	9.0	
	Lung	56.8	7.6	32.1	5.8	0	21.2	-	40.8	
	Breast	16.9	4.0	19.1	7.7	0	5.3	-	13.0	
	Uterine & Ovarian ¹	16.7	6.5	8.9	18.4	12.8	0	-	13.4	
	Prostate ¹	24.5	3.5	15.2	0	0	8.3	-	17.4	
	Urinary	9.9	1.7	5.2	7.7	6.2	0	-	7.3	
	Lymphoma	8.6	1.6	6.1	1.9	0	1.3	-	6.3	
	Leukemia	9.5	2.8	6.1	0	12.4	0	-	7.2	
	Other	50.2	13.0	26.0	19.2	6.2	29.2	-	38.0	
	All Cancer	210.0	43.8	127.4	63.3	37.3	73.0	-	155.7	
Diabetes and Alzheimer's	Diabetes	19.5	11.9	28.6	53.7	0	6.6	-	17.8	
	Alzheimer's	32.4	3.1	10.4	7.7	0	4.0	-	22.6	
Major Cardiovascular Diseases	Heart Disease	Hypertensive Heart Disease	10.2	1.7	9.5	3.8	0	2.7	-	7.6
		Ischemic Heart Disease	192.7	40.9	99.6	92.1	12.4	38.5	-	142.3
		Other Heart Disease	47.8	8.1	31.2	24.9	0	18.6	-	35.3
		All Heart Disease	250.7	50.7	140.4	120.8	12.4	59.7	-	185.2
	Other Cardio-vascular	Primary Hypertension	7.4	1.8	5.2	1.9	0	4.0	-	5.6
		Cerebrovascular	58.1	12.0	37.3	17.3	18.7	21.2	-	43.2
		Atherosclerosis	4.0	0.5	2.6	0	0	0	-	2.8
		Other Circulatory	9.2	1.8	5.2	7.7	0	2.7	-	6.8
		All Other Cardiovascular	78.6	16.2	50.3	26.9	18.7	27.9	-	58.5
Other Respiratory Diseases	Influenza & Pneumonia	25.2	5.2	4.3	15.3	0	2.7	-	18.2	
	Chronic Lower Respiratory	63.3	3.3	22.5	15.3	0	8.0	-	43.4	
GI & Urinary	Peptic Ulcer	1.4	0.1	1.7	0	0	0	-	1.0	
	Liver Disease	11.5	8.2	7.8	36.4	6.2	1.3	-	10.6	
	Nephritis	10.5	5.0	11.3	21.1	0	4.0	-	8.9	
Pregnancy & Early Life	Pregnancy	0.0	0.2	1.7	0	6.2	0	-	0.2	
	Perinatal Conditions	3.2	9.3	14.7	13.4	0	2.7	-	5.4	
	Congenital Malformations	3.0	6.9	5.2	5.8	12.4	6.6	-	4.2	
	SIDS	0.5	0.5	3.5	1.9	6.2	0	-	0.6	
Other Diseases	Symptoms, Signs	3.9	1.6	5.2	5.8	0	0	-	3.2	
	Other Diseases	132.2	34.6	80.6	80.6	43.5	39.8	-	100.5	
External Causes	Motor Vehicle Collisions	12.9	20.0	19.9	47.9	12.4	8.0	-	15.2	
	All Other Accidents	31.4	18.8	27.7	38.4	12.4	11.9	-	27.4	
	Suicide	12.1	4.2	8.7	13.4	12.4	8.0	-	9.7	
	Homicide	4.6	23.4	24.3	21.1	24.9	4.0	-	10.5	
	Other External Causes	1.5	2.1	1.7	1.9	6.2	0	-	1.7	
	All External Causes	62.5	68.5	82.3	122.7	68.4	31.8	-	64.6	
Unknown		12.7	1.3	8.7	11.5	0	4.0	-	9.3	
Total		924.2	273.4	618.7	611.8	211.5	272.0	-	713.1	

¹ Uterine & ovarian cancer rates are per 100,000 females; prostate cancer rates are per 100,000 males.

Maricopa County 2001 Mortality (Death) Statistics

**Table 2.04a Selected Underlying Causes of Death by Age Group
Number of Cases**

Cause		Age Group														Total	
		<1	1-4	5-9	10-14	15-19	20-24	25-34	35-44	45-54	55-64	65-74	75-84	85+	Unk.		
Infectious Diseases	Tuberculosis	0	0	0	0	0	0	0	0	0	3	1	2	2	0	8	
	Syphilis	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	
	HIV	1	0	0	0	1	0	18	44	23	9	2	1	0	0	99	
Cancer	Stomach	0	0	0	0	0	0	0	4	13	13	29	25	14	0	98	
	Colon	0	0	0	0	0	1	0	9	30	85	105	178	92	0	500	
	Pancreas	0	0	0	0	0	0	2	5	18	46	71	109	38	0	289	
	Lung	0	0	0	0	0	0	1	23	89	238	387	450	115	0	1,303	
	Breast	0	0	0	0	0	0	4	31	71	75	89	95	50	0	415	
	Uterine & Ovarian	0	0	0	0	0	1	6	19	26	42	48	50	21	0	213	
	Prostate	0	0	0	0	0	0	0	0	4	18	54	110	92	0	278	
	Urinary	0	0	0	0	0	0	3	3	13	37	57	68	51	0	232	
	Lymphoma	0	0	0	1	2	1	3	4	18	30	40	73	30	0	202	
	Leukemia	0	2	1	6	2	3	6	9	14	20	51	76	40	0	230	
	Other	2	2	5	1	7	6	26	52	123	201	292	344	154	0	1,215	
	All Cancer	2	4	6	8	11	12	51	159	419	805	1,223	1,578	697	0	4,975	
	Diabetes and Alzheimer's	Diabetes	0	0	0	0	1	1	5	16	58	102	123	165	98	0	569
Alzheimer's		0	0	0	0	0	0	0	0	1	4	38	235	443	0	721	
Major Cardio-vascular Diseases	Heart Disease	Hypertensive Heart Dis.	0	0	0	0	0	0	2	13	19	25	40	55	89	0	243
		Ischemic Heart Disease	1	0	0	0	1	0	10	65	221	399	846	1,476	1,526	3	4,548
		Other Heart Disease	4	3	0	2	6	3	14	42	57	77	160	353	406	0	1,127
		All Heart Disease	5	3	0	2	7	3	26	120	297	501	1,046	1,884	2,021	3	5,918
		Primary Hypertension	0	0	0	0	0	0	0	6	6	11	20	61	76	0	180
	Other Cardio-vascular	Cerebrovascular	0	2	0	0	0	1	5	21	46	77	178	488	562	0	1,380
		Atherosclerosis	0	0	0	0	0	0	0	1	1	1	7	32	47	1	90
		Other Circulatory	0	0	0	0	0	0	3	5	4	18	48	82	58	0	218
		All Other Cardiovascular	0	2	0	0	0	1	8	33	57	107	253	663	743	1	1,868

(Continued)

Maricopa County 2001 Mortality (Death) Statistics

Cause		Age Group														Total
		<1	1-4	5-9	10-14	15-19	20-24	25-34	35-44	45-54	55-64	65-74	75-84	85+	Unk.	
Other Respiratory Diseases	Influenza & Pneumonia	14	2	0	0	0	2	6	15	12	32	74	173	250	1	581
	Chronic Lower Respiratory	0	0	0	0	1	0	1	14	39	115	342	581	293	0	1,386
GI & Urinary	Peptic Ulcer	0	0	0	0	0	0	1	1	1	3	6	13	7	0	32
	Liver Disease	0	0	0	0	0	1	11	38	91	62	76	48	11	0	338
Pregnancy & Early Life	Nephritis	2	0	0	0	0	0	2	5	21	32	57	101	66	0	286
	Pregnancy	0	0	0	0	2	1	2	0	1	0	0	0	0	0	6
	Perinatal Conditions	170	0	0	0	0	0	0	0	1	0	0	1	0	0	172
	Congenital Malformations	90	10	4	1	4	1	4	4	3	6	3	3	1	0	134
	SIDS	20	0	0	0	0	0	0	0	0	0	0	0	0	0	20
Other Diseases	Symptoms, Signs	5	0	0	0	0	5	6	7	7	5	3	15	47	3	103
	Other Diseases	38	18	11	6	15	8	34	132	246	228	456	895	1,125	0	3,212
External Causes	Motor Vehicle Collisions	3	10	8	10	53	68	91	87	51	28	32	35	10	1	487
	All Other Accidents	11	31	8	6	21	37	110	141	113	60	81	114	140	3	876
	Suicide	0	0	0	3	15	24	55	67	70	29	22	20	6	0	311
	Homicide	3	5	4	8	34	75	100	64	28	6	3	3	1	1	335
	Other External Causes	2	1	0	0	2	7	14	19	1	3	2	0	0	3	54
	All External Causes	19	47	20	27	125	211	370	378	263	126	140	172	157	8	2,063
Unknown		4	0	1	0	5	5	16	18	28	45	49	79	47	1	298
Total		371	86	42	44	172	251	561	984	1,568	2,185	3,892	6,609	6,008	17	22,790

Maricopa County 2001 Mortality (Death) Statistics

Table 2.04b Selected Underlying Causes of Death by Age Group
Crude Death Rate per 100,000 Residents

Cause		Age Group													Total
		0-4	5-9	10-14	15-19	20-24	25-34	35-44	45-54	55-64	65-74	75-84	85+	Unk.	
Infectious Diseases	Tuberculosis	0	0	0	0	0	0	0	0	1.2	0.5	1.5	4.6	-	0.3
	Syphilis	0.4	0	0	0	0	0	0	0	0	0	0	0	-	0.0
	HIV	0.4	0	0	0.5	0	3.6	9.1	6.0	3.6	1.0	0.8	0	-	3.1
Cancer	Stomach	0	0	0	0	0	0	0.8	3.4	5.2	15.1	18.9	32.5	-	3.1
	Colon	0	0	0	0	0.4	0	1.9	7.8	33.7	54.7	134.5	213.3	-	15.6
	Pancreas	0	0	0	0	0	0.4	1.0	4.7	18.2	37.0	82.3	88.1	-	9.0
	Lung	0	0	0	0	0	0.2	4.7	23.1	94.3	201.8	339.9	266.6	-	40.8
	Breast	0	0	0	0	0	0.8	6.4	18.4	29.7	46.4	71.8	115.9	-	13.0
	Uterine & Ovarian ¹	0	0	0	0	0.9	2.5	8.0	13.2	31.9	46.7	64.8	72.4	-	13.4
	Prostate ¹	0	0	0	0	0	0	0	2.1	14.9	60.7	199.3	650.4	-	17.4
	Urinary	0	0	0	0	0	0.6	0.6	3.4	14.7	29.7	51.4	118.2	-	7.3
	Lymphoma	0	0	0.4	0.9	0.4	0.6	0.8	4.7	11.9	20.9	55.1	69.5	-	6.3
	Leukemia	0.8	0.4	2.5	0.9	1.3	1.2	1.9	3.6	7.9	26.6	57.4	92.7	-	7.2
	Other	1.5	2.0	0.4	3.2	2.6	5.2	10.7	31.9	79.7	152.2	259.9	357.0	-	38.0
	All Cancer	2.3	2.4	3.3	5.1	5.1	10.1	32.8	108.6	319.0	637.7	1,192.0	1,615.8	-	155.7
Diabetes and Alzheimer's	Diabetes	0	0	0	0.5	0.4	1.0	3.3	15.0	40.4	64.1	124.6	227.2	-	17.8
	Alzheimer's	0	0	0	0	0	0	0	0.3	1.6	19.8	177.5	1,027.0	-	22.6
Major Cardio-vascular Diseases	Heart Disease	Hypertensive Heart Dis.	0	0	0	0	0.4	2.7	4.9	9.9	20.9	41.5	206.3	-	7.6
		Ischemic Heart Disease	0.4	0	0	0.5	0	2.0	13.4	57.3	158.1	441.1	1,115.0	-	142.3
		Other Heart Disease	2.7	0	0.8	2.8	1.3	2.8	8.7	14.8	30.5	83.4	266.7	-	35.3
		All Heart Disease	3.1	0	0.8	3.2	1.3	5.2	24.8	77.0	198.5	545.4	1,423.2	-	185.2
		Primary Hypertension	0	0	0	0	0	1.2	1.6	4.4	10.4	46.1	176.2	-	5.6
	Other Cardio-vascular	Cerebrovascular	0.8	0	0	0	0.4	1.0	4.3	11.9	30.5	92.8	368.6	-	43.2
		Atherosclerosis	0	0	0	0	0	0.2	0.3	0.4	3.6	24.2	109.0	-	2.8
		Other Circulatory	0	0	0	0	0	0.6	1.0	1.0	7.1	25.0	61.9	-	6.8
		All Other Cardiovascular	0.8	0	0	0	0.4	1.6	6.8	14.8	42.4	131.9	500.8	-	58.5

(Continued)

Maricopa County 2001 Mortality (Death) Statistics

Cause		Age Group													Total
		0-4	5-9	10-14	15-19	20-24	25-34	35-44	45-54	55-64	65-74	75-84	85+	Unk.	
Other Respiratory Diseases	Influenza & Pneumonia	6.1	0	0	0	0.9	1.2	3.1	3.1	12.7	38.6	130.7	579.5	-	18.2
	Chronic Lower Respiratory	0	0	0	0.5	0	0.2	2.9	10.1	45.6	178.3	438.9	679.2	-	43.4
GI & Urinary	Peptic Ulcer	0	0	0	0	0	0.2	0.2	0.3	1.2	3.1	9.8	16.2	-	1.0
	Liver Disease	0	0	0	0	0.4	2.2	7.8	23.6	24.6	39.6	36.3	25.5	-	10.6
	Nephritis	0.8	0	0	0	0	0.4	1.0	5.4	12.7	29.7	76.3	153.0	-	8.9
Pregnancy & Early Life	Pregnancy	0	0	0	0.9	0.4	0.4	0	0.3	0	0	0	0	-	0.2
	Perinatal Conditions	65.3	0	0	0	0	0	0	0.3	0	0	0.8	0	-	5.4
	Congenital Malformations	38.4	1.6	0.4	1.8	0.4	0.8	0.8	0.8	2.4	1.6	2.3	2.3	-	4.2
	SIDS	7.7	0	0	0	0	0	0	0	0	0	0	0	-	0.6
Other Diseases	Symptoms, Signs	1.9	0	0	0	2.1	1.2	1.4	1.8	2.0	1.6	11.3	109.0	-	3.2
	Other Diseases	21.5	4.4	2.5	6.9	3.4	6.7	27.2	63.8	90.4	237.8	676.1	2,608.0	-	100.5
External Causes	Motor Vehicle Collisions	5.0	3.2	4.2	24.4	29.0	18.0	18.0	13.2	11.1	16.7	26.4	23.2	-	15.2
	All Other Accidents	16.1	3.2	2.5	9.7	15.8	21.8	29.1	29.3	23.8	42.2	86.1	324.5	-	27.4
	Suicide	0	0	1.3	6.9	10.2	10.9	13.8	18.1	11.5	11.5	15.1	13.9	-	9.7
	Homicide	3.1	1.6	3.3	15.6	32.0	19.8	13.2	7.3	2.4	1.6	2.3	2.3	-	10.5
	Other External Causes	1.2	0	0	0.9	3.0	2.8	3.9	0.3	1.2	1.0	0	0	-	1.7
	All External Causes	25.4	8.0	11.3	57.5	90.0	73.3	78.0	68.2	49.9	73.0	129.9	364.0	-	64.6
Unknown		1.5	0.4	0	2.3	2.1	3.2	3.7	7.3	17.8	25.5	59.7	109.0	-	9.3
Total		175.6	16.8	18.4	79.1	107.0	111.2	203.1	406.5	865.9	2,029.3	4,992.4	13,927.7	-	713.1

¹ Uterine & ovarian cancer rates are per 100,000 females; prostate cancer rates are per 100,000 males.

Maricopa County 2001 Mortality (Death) Statistics

**Table 2.05a Selected Underlying Causes of Death by Gender
Number of Cases**

Cause			Gender			Total	
			Male	Female	Unk.		
Infectious Diseases			Tuberculosis	7	1	0	8
			Syphilis	1	0	0	1
			HIV	88	11	0	99
Cancer			Stomach	61	37	0	98
			Colon	236	264	0	500
			Pancreas	150	139	0	289
			Lung	700	603	0	1,303
			Breast	6	409	0	415
			Uterine & Ovarian	0	213	0	213
			Prostate	278	0	0	278
			Urinary	149	83	0	232
			Lymphoma	116	86	0	202
			Leukemia	135	95	0	230
			Other	687	528	0	1,215
			All Cancer	2,518	2,457	0	4,975
			Diabetes and Alzheimer's			Diabetes	278
Alzheimer's	215	505				1	721
Major Cardiovascular Diseases	Heart Disease	Hypertensive Heart Disease	108	135	0	243	
		Ischemic Heart Disease	2,477	2,070	1	4,548	
		Other Heart Disease	514	611	2	1,127	
		All Heart Disease	3,099	2,816	3	5,918	
	Other Cardiovascular	Primary Hypertension	72	107	1	180	
		Cerebrovascular	555	825	0	1,380	
		Atherosclerosis	41	49	0	90	
		Other Circulatory	127	91	0	218	
		All Other Cardiovascular	795	1,072	1	1,868	
		Other Respiratory Diseases			Influenza & Pneumonia	294	287
Chronic Lower Respiratory	651				734	1	1,386
GI & Urinary			Peptic Ulcer	19	13	0	32
			Liver Disease	236	102	0	338
			Nephritis	163	123	0	286
Pregnancy & Early Life			Pregnancy	0	6	0	6
			Perinatal Conditions	89	83	0	172
			Congenital Malformations	80	54	0	134
			SIDS	13	7	0	20
Other Diseases			Symptoms, Signs	42	61	0	103
			Other Diseases	1,472	1,739	1	3,212
External Causes			Motor Vehicle Collisions	347	139	1	487
			All Other Accidents	576	299	1	876
			Suicide	257	54	0	311
			Homicide	281	54	0	335
			Other External Causes	39	15	0	54
			All External Causes	1,500	561	2	2,063
Unknown			184	114	0	298	
Total			11,744	11,037	9	22,790	

Maricopa County 2001 Mortality (Death) Statistics

Table 2.05b Selected Underlying Causes of Death by Gender
Crude Death Rate per 100,000 Residents

Cause		Gender			Total	
		Male	Female	Unk.		
Infectious Diseases	Tuberculosis	0.4	0.1	-	0.3	
	Syphilis	0.1	0	-	0.0	
	HIV	5.5	0.7	-	3.1	
Cancer	Stomach	3.8	2.3	-	3.1	
	Colon	14.7	16.5	-	15.6	
	Pancreas	9.4	8.7	-	9.0	
	Lung	43.7	37.8	-	40.8	
	Breast	0.4	25.6	-	13.0	
	Uterine & Ovarian ¹	-	13.4	-	13.4	
	Prostate ¹	17.4	-	-	17.4	
	Urinary	9.3	5.2	-	7.3	
	Lymphoma	7.2	5.4	-	6.3	
	Leukemia	8.4	6.0	-	7.2	
	Other	42.9	33.1	-	38.0	
	All Cancer	157.3	154.0	-	155.7	
	Diabetes and Alzheimer's	Diabetes	17.4	18.2	-	17.8
		Alzheimer's	13.4	31.7	-	22.6
Major Cardiovascular Diseases	Heart Disease	Hypertensive Heart Disease	6.7	8.5	-	7.6
		Ischemic Heart Disease	154.7	129.8	-	142.3
		Other Heart Disease	32.1	38.3	-	35.3
		All Heart Disease	193.6	176.5	-	185.2
	Other Cardiovascular	Primary Hypertension	4.5	6.7	-	5.6
		Cerebrovascular	34.7	51.7	-	43.2
		Atherosclerosis	2.6	3.1	-	2.8
		Other Circulatory	7.9	5.7	-	6.8
		All Other Cardiovascular	49.7	67.2	-	58.5
		Other Respiratory Diseases	Influenza & Pneumonia	18.4	18.0	-
Chronic Lower Respiratory	40.7		46.0	-	43.4	
GI & Urinary	Peptic Ulcer	1.2	0.8	-	1.0	
	Liver Disease	14.7	6.4	-	10.6	
	Nephritis	10.2	7.7	-	8.9	
Pregnancy & Early Life	Pregnancy	0	0.4	-	0.2	
	Perinatal Conditions	5.6	5.2	-	5.4	
	Congenital Malformations	5.0	3.4	-	4.2	
	SIDS	0.8	0.4	-	0.6	
Other Diseases	Symptoms, Signs	2.6	3.8	-	3.2	
	Other Diseases	92.0	109.0	-	100.5	
External Causes	Motor Vehicle Collisions	21.7	8.7	-	15.2	
	All Other Accidents	36.0	18.7	-	27.4	
	Suicide	16.1	3.4	-	9.7	
	Homicide	17.6	3.4	-	10.5	
	Other External Causes	2.4	0.9	-	1.7	
	All External Causes	93.7	35.2	-	64.6	
	Unknown	11.5	7.1	-	9.3	
Total		733.7	691.9	-	713.1	

¹ Uterine & ovarian cancer rates are per 100,000 females; prostate cancer rates are per 100,000 males.

Maricopa County 2001 Mortality (Death) Statistics

**Table 2.06a Firearm, Drug, and Alcohol Induced Deaths by Age Group
Number of Cases**

Age Group	Firearm Induced	Drug Induced	Alcohol Induced
0-9	4	2	0
10-14	6	1	0
15-19	43	5	0
20-24	89	14	1
25-34	134	64	16
35-44	90	124	44
45-54	62	93	80
55-64	30	17	38
65-74	29	5	25
75-84	29	3	7
85+	7	1	1
Unknown	1	3	0
Total	524	332	212

**Table 2.06b Firearm, Drug, and Alcohol Induced Deaths by Age Group
Crude Death Rate per 100,000 Residents**

Age Group	Firearm Induced	Drug Induced	Alcohol Induced
0-9	0.8	0.4	0
10-14	2.5	0.4	0
15-19	19.8	2.3	0
20-24	38.0	6.0	0.4
25-34	26.6	12.7	3.2
35-44	18.6	25.6	9.1
45-54	16.1	24.1	20.7
55-64	11.9	6.7	15.1
65-74	15.1	2.6	13.0
75-84	21.9	2.3	5.3
85+	16.2	2.3	2.3
Unknown	-	-	-
Total	16.4	10.4	6.6

Note: Firearm, drug, and alcohol induced and related deaths are also included in other categories, e.g., suicide, homicide or unintentional injuries.

Maricopa County 2001 Mortality (Death) Statistics

**Table 2.07a Firearm, Drug, and Alcohol Induced Deaths by Race/Ethnicity
Number of Cases**

Race/Ethnicity	Firearm Induced	Drug Induced	Alcohol Induced
White	290	244	141
Hispanic	178	64	46
African American	30	14	6
American Indian, Non-Hispanic	11	5	16
American Indian, Hispanic	5	1	1
Asian	7	0	0
Other/Unknown	3	4	2
Total	524	332	212

**Table 2.07b Firearm, Drug, and Alcohol Induced Deaths by Race/Ethnicity
Crude Death Rate per 100,000 Residents**

Race/Ethnicity	Firearm Induced	Drug Induced	Alcohol Induced
White	13.9	11.7	6.8
Hispanic	21.8	7.9	5.6
African American	26.0	12.1	5.2
American Indian, Non-Hispanic	21.1	9.6	30.7
American Indian, Hispanic	31.1	6.2	6.2
Asian	9.3	0	0
Other/Unknown	-	-	-
Total	16.4	10.4	6.6

**Table 2.08a Firearm, Drug, and Alcohol Induced Deaths by Gender
Number of Cases**

Gender	Firearm Induced	Drug Induced	Alcohol Induced
Male	459	237	164
Female	65	95	48
Total	524	332	212

**Table 2.08b Firearm, Drug, and Alcohol Induced Deaths by Gender
Crude Death Rate per 100,000 Residents**

Gender	Firearm Induced	Drug Induced	Alcohol Induced
Male	28.7	14.8	10.2
Female	4.1	6.0	3.0
Total	16.4	10.4	6.6

Note: Firearm, drug, and alcohol induced and related deaths are also included in other categories, e.g., suicide, homicide or unintentional injuries.

Maricopa County 2001 Mortality (Death) Statistics

Table 2.09 Number and Percent of Deaths by Race/Ethnicity and Marital Status

Marital Status	Race/Ethnicity														Total	
	White		Hispanic		African American		American Indian, Non-Hispanic		American Indian, Hispanic		Asian		Other/ Unknown			
	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%
Never Married	1,480	7.7	681	30.6	185	25.9	111	34.8	19	55.9	31	15.1	4	10.8	2,511	11.0
Married	8,181	42.5	824	37.0	212	29.7	87	27.3	6	17.6	116	56.6	13	35.1	9,439	41.4
Widowed	7,102	36.9	428	19.2	181	25.4	65	20.4	5	14.7	43	21.0	9	24.3	7,833	34.4
Divorced	2,357	12.2	260	11.7	123	17.2	56	17.6	4	11.8	14	6.8	2	5.4	2,816	12.4
Unknown	133	0.7	35	1.6	13	1.8	0	0	0	0	1	0.5	9	24.3	191	0.8
Total	19,253		2,228		714		319		34		205		37		22,790	

Table 2.10 Number and Percent of Deaths by Race/Ethnicity and Education Level

Educational Level	Race/Ethnicity														Total	
	White		Hispanic		African American		American Indian, Non-Hispanic		American Indian, Hispanic		Asian		Other/ Unknown			
	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%
None	197	1.0	280	12.6	41	5.7	23	7.2	4	11.8	15	7.3	2	5.4	562	2.5
Grade 1-6	411	2.1	502	22.5	42	5.9	22	6.9	3	8.8	15	7.3	0	0	995	4.4
Some HS	2,943	15.3	567	25.4	139	19.5	109	34.2	15	44.1	22	10.7	4	10.8	3,799	16.7
HS Grad	7,918	41.1	501	22.5	221	31.0	95	29.8	6	17.6	59	28.8	8	21.6	8,808	38.6
Some College	3,915	20.3	179	8.0	148	20.7	50	15.7	5	14.7	42	20.5	5	13.5	4,344	19.1
College Grad	2,109	11.0	43	1.9	53	7.4	7	2.2	1	2.9	30	14.6	5	13.5	2,248	9.9
Graduate School	1,365	7.1	41	1.8	34	4.8	7	2.2	0	0	18	8.8	1	2.7	1,466	6.4
Unknown	395	2.1	115	5.2	36	5.0	6	1.9	0	0	4	2.0	12	32.4	568	2.5
Total	19,253		2,228		714		319		34		205		37		22,790	

Table 2.11 Number and Percent of Deaths by Race/Ethnicity and Gender

Gender	Race/Ethnicity														Total	
	White		Hispanic		African American		American Indian, Non-Hispanic		American Indian, Hispanic		Asian		Other/ Unknown			
	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%
Male	9,683	50.3	1,333	59.8	389	54.5	186	58.3	23	67.6	104	50.7	26	70.3	11,744	51.5
Female	9,563	49.7	893	40.1	325	45.5	133	41.7	11	32.4	101	49.3	11	29.7	11,037	48.4
Total	7	0.0	2	0.1	0	0	0	0	0	0	0	0	0	0	9	0.0

III. Maricopa County 2001 Communicable Disease Statistics

Maricopa County 2001 Communicable Disease Statistics

Table 3.01a Number of Cases of Selected Reportable Diseases by Race/Ethnicity

Disease		Race/Ethnicity							Total
		White	Hisp.	Black	Amer Ind. Non-Hisp.	Amer Ind. Hisp.	Asian	Unk.	
Vaccine Preventable	<i>H. influenzae</i>	17	6	0	3	0	0	14	40
	Measles	1	0	0	0	0	0	0	1
	Mumps	1	0	0	0	0	0	1	2
	Pertussis	52	79	2	5	0	0	7	145
Central Nervous System	Enceph Viral Other	7	1	0	0	0	0	2	10
	Meningitis Viral/Aseptic	113	42	6	0	0	1	31	193
	Meningococcal Meningitis	5	8	0	0	0	0	2	15
Enterics	Amebiasis	5	4	3	0	0	0	4	16
	Botulism	1	1	0	0	0	0	0	2
	Campylobacteriosis	116	70	4	12	0	2	114	318
	Cholera	0	0	0	0	0	0	0	0
	Cryptosporidiosis	0	1	2	1	0	0	3	7
	<i>E. Coli</i> O157.H7	8	2	0	0	0	1	9	20
	Giardiasis	54	34	19	2	0	1	98	208
	Listeriosis	7	1	0	0	0	0	0	8
	Salmonella Paratyphi	0	0	0	0	0	0	1	1
	Salmonellosis	79	46	4	19	0	2	224	374
	Shigellosis	17	81	6	20	0	0	128	252
	Typhoid	0	1	0	0	0	0	0	1
Mycosis	Coccidioidomycosis	267	43	13	8	0	11	1,372	1,714
Zoonoses/ Vectorborne	Brucellosis	0	4	0	0	0	0	0	4
	Dengue	1	0	0	0	0	0	0	1
	Hantavirus Pulm. Syn.	0	0	0	0	0	0	0	0
	Lyme Disease	2	0	0	0	0	0	0	2
	Malaria	6	2	3	0	0	0	3	14
Hepatitides	Hepatitis A	44	45	0	3	0	0	105	197
	Hepatitis B (Acute)	18	5	1	0	0	1	89	114
	Hepatitis C	652	241	81	103	2	8	334	1,421
	Hepatitis D	0	0	0	0	0	0	0	0
Other	Legionellosis	9	0	0	0	0	0	2	11
	Strep Group A	44	16	4	11	0	1	59	135
	Strep Group B	13	6	1	0	0	2	22	44
	Strep Pneumo Invasive	161	58	19	28	0	4	203	473
	Toxic Shock Syndrome	0	0	0	0	0	0	0	0
	Vibrio spp.	2	2	0	0	0	0	1	5
	VRE	174	42	11	8	0	1	374	610
	Yersiniosis	1	0	0	0	0	0	1	2
	Hansen's Disease	0	0	0	0	0	0	2	2
		47	75	11	11	1	18	0	163
Tuberculosis		47	75	11	11	1	18	0	163
	Genital Herpes ¹	430	233	68	7	-	13	64	815
	Gonorrhea ¹	802	993	810	87	-	8	124	2,824
	Syphilis – Primary and Secondary ¹	27	76	38	9	-	0	0	150
	Syphilis – All Others ¹	170	487	155	39	-	7	0	858
	Chlamydia ¹	2,625	4,313	999	593	-	89	345	8,964
	HIV	202	76	39	15	0	2	1	335
Sexually Transmitted Disease	AIDS	161	75	42	17	0	3	0	298
All Others		2	1	0	0	0	0	6	9
Total		6,343	7,170	2,341	1,001	3	175	3,745	20,778

1

Data collection methods for race/ethnicity data for genital herpes, gonorrhea, syphilis, and chlamydia do not allow the data to utilize an 'American Indian, Hispanic' category.

Maricopa County 2001 Communicable Disease Statistics

Table 3.01b Case Rates per 100,000 Residents for Selected Reportable Diseases by Race/Ethnicity

Disease		Race/Ethnicity							Total
		White	Hisp.	Black	Amer Ind. Non-Hisp.	Amer Ind. Hisp.	Asian	Unk.	
Vaccine Preventable	<i>H. influenzae</i>	0.8	0.7	0	5.8	0	0	-	1.3
	Measles	0.0	0	0	0	0	0	-	0.0
	Mumps	0.0	0	0	0	0	0	-	0.1
	Pertussis	2.5	9.7	1.7	9.6	0	0	-	4.5
	Enceph Viral Other	0.3	0.1	0	0	0	0	-	0.3
Central Nervous System	Meningitis Viral/Aseptic	5.4	5.2	5.2	0	0	1.3	-	6.0
	Meningococcal Meningitis	0.2	1.0	0	0	0	0	-	0.5
Enterics	Amebiasis	0.2	0.5	2.6	0	0	0	-	0.5
	Botulism	0.0	0.1	0	0	0	0	-	0.1
	Campylobacteriosis	5.6	8.6	3.5	23.0	0	2.7	-	10.0
	Cholera	0	0	0	0	0	0	-	0
	Cryptosporidiosis	0	0.1	1.7	1.9	0	0	-	0.2
	<i>E. Coli</i> O157.H7	0.4	0.2	0	0	0	1.3	-	0.6
	Giardiasis	2.6	4.2	16.5	3.8	0	1.3	-	6.5
	Listeriosis	0.3	0.1	0	0	0	0	-	0.3
	Salmonella Paratyphi	0	0	0	0	0	0	-	0.0
	Salmonellosis	3.8	5.6	3.5	36.4	0	2.7	-	11.7
	Shigellosis	0.8	9.9	5.2	38.4	0	0	-	7.9
	Typhoid	0	0.1	0	0	0	0	-	0.0
Mycosis	Coccidioidomycosis	12.8	5.3	11.3	15.3	0	14.6	-	53.6
Zoonoses/ Vectorborne	Brucellosis	0	0.5	0	0	0	0	-	0.1
	Dengue	0.0	0	0	0	0	0	-	0.0
	Hantavirus Pulm. Syn.	0	0	0	0	0	0	-	0
	Lyme Disease	0.1	0	0	0	0	0	-	0.1
	Malaria	0.3	0.2	2.6	0	0	0	-	0.4
Hepatitides	Hepatitis A	2.1	5.5	0	5.8	0	0	-	6.2
	Hepatitis B (Acute)	0.9	0.6	0.9	0	0	1.3	-	3.6
	Hepatitis C	31.3	29.6	70.2	197.5	12.4	10.6	-	44.5
	Hepatitis D	0	0	0	0	0	0	-	0
Other	Legionellosis	0.4	0	0	0	0	0	-	0.3
	Strep Group A	2.1	2.0	3.5	21.1	0	1.3	-	4.2
	Strep Group B ¹	0.5	0.3	0.5	0	0	1.3	-	0.8
	Strep Pneumo Invasive	7.7	7.1	16.5	53.7	0	5.3	-	14.8
	Toxic Shock Syndrome	0	0	0	0	0	0	-	0
	Vibrio spp.	0.1	0.2	0	0	0	0	-	0.2
	VRE	8.4	5.2	9.5	15.3	0	1.3	-	19.1
	Yersiniosis	0.0	0	0	0	0	0	-	0.1
	Hansen's Disease	0	0	0	0	0	0	-	0.1
Tuberculosis Sexually Transmitted Disease		2.3	9.2	9.5	21.1	6.2	23.9	-	5.1
	Genital Herpes ²	20.6	28.6	58.9	13.4	-	17.3	-	25.5
	Gonorrhea ²	38.5	121.8	701.8	166.9	-	10.6	-	88.4
	Syphilis – Primary and Secondary ²	1.3	9.3	32.9	17.3	-	0	-	4.7
	Syphilis – All Others ²	8.2	59.8	134.3	74.8	-	9.3	-	26.8
	Chlamydia ²	126.0	529.2	865.6	1,137.3	-	118.1	-	280.5
	HIV	9.7	9.3	33.8	28.8	0	2.7	-	10.5
	AIDS	7.7	9.2	36.4	32.6	0	4.0	-	9.3
All Others		0.1	0.1	0	0	0	0	-	0.3
Total		304.5	879.8	2,028.4	1,919.8	18.7	232.2	-	650.1

¹ Rates for Streptococcal Group B Invasive in infants <90 days are per 1,000 live births by race of the mother.
² Data collection methods for race/ethnicity data for genital herpes, gonorrhea, syphilis, and chlamydia do not allow the data to utilize an 'American Indian, Hispanic' category.

Maricopa County 2001 Communicable Disease Statistics

Table 3.02a Number of Cases of Selected Reportable Diseases by Age Group

Disease		Age Group													Total
		<1	1-4	5-9	10-14	15-19	20-24	25-34	35-44	45-54	55-64	65-84	85+	Unk.	
Vaccine Preventable	<i>H. influenzae</i>	5	4	2	1	2	1	1	1	6	4	9	3	1	40
	Measles	0	0	0	0	0	1	0	0	0	0	0	0	0	1
	Mumps	0	0	0	0	0	0	1	0	0	1	0	0	0	2
	Pertussis	39	20	6	21	19	8	8	14	4	4	1	0	1	145
Central Nervous System	Enceph Viral Other	0	0	1	1	0	0	0	2	1	1	4	0	0	10
	Meningitis Viral/Aseptic	19	9	9	10	13	19	40	36	21	9	4	3	1	193
	Meningococcal Meningitis	3	3	1	0	1	0	2	1	1	1	2	0	0	15
Enterics	Amebiasis	0	1	1	0	3	2	2	3	0	2	1	0	1	16
	Botulism	1	0	0	0	0	0	1	0	0	0	0	0	0	2
	Campylobacteriosis	29	45	23	13	15	32	46	46	29	14	20	3	3	318
	Cholera	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Cryptosporidiosis	0	1	0	0	0	0	0	2	3	1	0	0	0	7
	<i>E. Coli</i> O157.H7	2	2	5	0	3	1	1	3	0	2	1	0	0	20
	Giardiasis	4	52	30	8	21	11	21	21	26	6	6	1	1	208
	Listeriosis	0	0	0	0	0	1	1	0	2	1	1	2	0	8
	Salmonella Paratyphi	0	0	1	0	0	0	0	0	0	0	0	0	0	1
	Salmonellosis	45	56	29	22	15	17	52	41	31	27	25	6	8	374
	Shigellosis	4	97	46	11	5	13	24	18	14	5	13	0	2	252
	Typhoid	0	0	0	0	0	0	1	0	0	0	0	0	0	1
Mycosis	Coccidioidomycosis	3	6	17	33	59	87	229	298	289	263	366	37	27	1,714
Zoonoses/ Vectorborne	Brucellosis	0	2	0	0	0	2	0	0	0	0	0	0	0	4
	Dengue	0	0	0	0	0	0	1	0	0	0	0	0	0	1
	Hantavirus Pulm. Syn.	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Lyme Disease	0	0	0	0	0	0	0	0	0	1	1	0	0	2
	Malaria	0	0	1	1	2	1	1	1	5	1	1	0	0	14
Hepatitides	Hepatitis A	0	8	13	17	15	24	38	31	19	12	11	6	3	197
	Hepatitis B (Acute)	0	0	0	0	4	12	32	39	7	9	5	2	4	114
	Hepatitis C	4	0	1	2	17	38	188	448	473	125	99	15	11	1,421
	Hepatitis D	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other	Legionellosis	1	0	0	0	0	0	1	1	1	1	6	0	0	11
	Strep Group A	4	4	8	4	1	4	12	18	23	15	33	8	1	135
	Strep Group B ¹	44	-	-	-	-	-	-	-	-	-	-	-	-	44
	Strep Pneumo Invasive	30	61	9	6	4	12	28	58	61	54	120	27	3	473
	Toxic Shock Syndrome	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Vibrio spp.	0	0	0	0	2	0	0	1	0	1	0	1	0	5
	VRE	2	3	3	3	4	16	20	39	63	84	280	86	7	610
	Yersiniosis	0	0	0	0	0	0	0	0	0	0	2	0	0	2
	Hansen's Disease	0	0	0	0	1	1	0	0	0	0	0	0	0	2
Tuberculosis		3	6	1	3	6	23	29	26	24	15	22	5	0	163
Sexually Transmitted Diseases	Genital Herpes ²	0	0	2	5	96	232	255	140	50	25	10	**	0	815
	Gonorrhea ²	0	1	1	26	621	853	807	366	116	24	9	**	0	2,824
	Syphilis – Primary and Secondary	0	0	0	0	10	22	38	51	22	6	1	0	0	150
	Syphilis – All Others	28	0	0	5	47	148	273	222	88	27	20	0	0	858
	Chlamydia ²	22	3	3	182	2,974	3,210	2,080	406	71	10	3	**	0	8,964
	HIV	0	1	0	1	3	39	126	115	41	7	2	0	0	335
	AIDS	2	0	0	0	4	9	88	115	57	20	3	0	0	298
All Others		0	0	0	1	1	0	0	0	0	0	4	0	3	9
Total		294	385	213	376	3,968	4,839	4,447	2,563	1,548	778	1,085	205	77	20,778

¹

Streptococcal Group B Invasive disease is only reportable for cases in infants under 90 days.

²

For genital herpes, gonorrhea, and chlamydia, the 65-84 age group includes all individuals over the age of 60.

Maricopa County 2001 Communicable Disease Statistics

Table 3.02b Case Rates per 100,000 Residents for Selected Reportable Diseases by Age Group

Disease		Age Group												Total
		0-4	5-9	10-14	15-19	20-24	25-34	35-44	45-54	55-64	65-84	85+	Unk.	
Vaccine Preventable	<i>H. influenzae</i>	3.5	0.8	0.4	0.9	0.4	0.2	0.2	1.6	1.6	2.8	7.0	-	1.3
	Measles	0	0	0	0	0.4	0	0	0	0	0	0	-	0.0
	Mumps	0	0	0	0	0	0.2	0	0	0.4	0	0	-	0.1
	Pertussis	22.7	2.4	8.8	8.7	3.4	1.6	2.9	1.0	1.6	0.3	0	-	4.5
Central Nervous System	Enceph Viral Other	0	0.4	0.4	0	0	0	0.4	0.3	0.4	1.2	0	-	0.3
	Meningitis Viral/Aseptic	10.8	3.6	4.2	6.0	8.1	7.9	7.4	5.4	3.6	1.2	7.0	-	6.0
	Meningococcal Meningitis	2.3	0.4	0	0.5	0	0.4	0.2	0.3	0.4	0.6	0	-	0.5
Enterics	Amebiasis	0.4	0.4	0	1.4	0.9	0.4	0.6	0	0.8	0.3	0	-	0.5
	Botulism	0.4	0	0	0	0	0.2	0	0	0	0	0	-	0.1
	Campylobacteriosis	28.4	9.2	5.4	6.9	13.6	9.1	9.5	7.5	5.5	6.2	7.0	-	10.0
	Cholera	0	0	0	0	0	0	0	0	0	0	0	-	0
	Cryptosporidiosis	0.4	0	0	0	0	0	0.4	0.8	0.4	0	0	-	0.2
	<i>E. Coli</i> O157:H7	1.5	2.0	0	1.4	0.4	0.2	0.6	0	0.8	0.3	0	-	0.6
	Giardiasis	21.5	12.0	3.3	9.7	4.7	4.2	4.3	6.7	2.4	1.9	2.3	-	6.5
	Listeriosis	0	0	0	0	0.4	0.2	0	0.5	0.4	0.3	4.6	-	0.3
	Salmonella Paratyphi	0	0.4	0	0	0	0	0	0	0	0	0	-	0.0
	Salmonellosis	38.8	11.6	9.2	6.9	7.3	10.3	8.5	8.0	10.7	7.7	13.9	-	11.7
	Shigellosis	38.8	18.4	4.6	2.3	5.5	4.8	3.7	3.6	2.0	4.0	0	-	7.9
	Typhoid	0	0	0	0	0	0.2	0	0	0	0	0	-	0.0
Mycosis	Coccidioidomycosis	3.5	6.8	13.8	27.1	37.1	45.4	61.5	74.9	104.2	112.9	85.8	-	53.6
Zoonoses/ Vectorborne	Brucellosis	0.8	0	0	0	0.9	0	0	0	0	0	0	-	0.1
	Dengue	0	0	0	0	0	0.2	0	0	0	0	0	-	0.0
	Hantavirus Pulm. Syn.	0	0	0	0	0	0	0	0	0	0	0	-	0
	Lyme Disease	0	0	0	0	0	0	0	0	0.4	0.3	0	-	0.1
	Malaria	0	0.4	0.4	0.9	0.4	0.2	0.2	1.3	0.4	0.3	0	-	0.4
	Hepatitis A	3.1	5.2	7.1	6.9	10.2	7.5	6.4	4.9	4.8	3.4	13.9	-	6.2
Hepatitides	Hepatitis B (Acute)	0	0	0	1.8	5.1	6.3	8.0	1.8	3.6	1.5	4.6	-	3.6
	Hepatitis C	1.5	0.4	0.8	7.8	16.2	37.3	92.5	122.6	49.5	30.5	34.8	-	44.5
	Hepatitis D	0	0	0	0	0	0	0	0	0	0	0	-	0
	Legionellosis	0.4	0	0	0	0	0.2	0.2	0.3	0.4	1.9	0	-	0.3
Other	Strep Group A	3.1	3.2	1.7	0.5	1.7	2.4	3.7	6.0	5.9	10.2	18.5	-	4.2
	Strep Group B ¹	0.8	-	-	-	-	-	-	-	-	-	-	-	0.8
	Strep Pneumo Invasive	35.0	3.6	2.5	1.8	5.1	5.5	12.0	15.8	21.4	37.0	62.6	-	14.8
	Toxic Shock Syndrome	0	0	0	0	0	0	0	0	0	0	0	-	0
	Vibrio spp.	0	0	0	0.9	0	0	0.2	0	0.4	0	2.3	-	0.2
	VRE	1.9	1.2	1.3	1.8	6.8	4.0	8.0	16.3	33.3	86.4	199.4	-	19.1
	Yersiniosis	0	0	0	0	0	0	0	0	0	0.6	0	-	0.1
	Hansen's Disease	0	0	0	0.5	0.4	0	0	0	0	0	0	-	0.1
	Tuberculosis	3.5	0.4	1.3	2.8	9.8	5.7	5.4	6.2	5.9	6.8	11.6	-	5.1
Sexually Transmitted Diseases	Genital Herpes ²	0	0.8	2.1	44.2	98.9	50.5	28.9	13.0	9.9	3.1	**	-	25.5
	Gonorrhea ²	0.4	0.4	10.9	285.7	363.8	159.9	75.5	30.1	9.5	2.8	**	-	88.4
	Syphilis – Primary and Secondary	0	0	0	4.6	9.4	7.5	10.5	5.7	2.4	0.3	0	-	4.7
	Syphilis – All Others	10.8	0	2.1	21.6	63.1	54.1	45.8	22.8	10.7	6.2	0	-	26.8
	Chlamydia ²	9.6	1.2	76.1	1,368.2	1,369.0	412.2	83.8	18.4	4.0	0.9	**	-	280.5
	HIV	0.4	0	0.4	1.4	16.6	25.0	23.7	10.6	2.8	0.6	0	-	10.5
	AIDS	0.8	0	0	1.8	3.8	17.4	23.7	14.8	7.9	0.9	0	-	9.3
All Others		0	0	0.4	0.5	0	0	0	0	0	1.2	0	-	0.3
Total		260.9	85.1	157.3	1,825.5	2,063.7	881.3	529.0	401.3	308.3	334.7	475.2	-	650.1

¹

Rates for Streptococcal Group B Invasive in infants <90 days are per 1,000 live births.

²

For genital herpes, gonorrhea, and chlamydia, the 65-84 age group includes all individuals over the age of 60.

Maricopa County 2001 Communicable Disease Statistics

Table 3.03a Number of Cases of Selected Reportable Diseases by Gender

Disease		Gender			Total
		Male	Female	Unk.	
Vaccine Preventable	<i>H. influenzae</i>	23	17	0	40
	Measles	0	1	0	1
	Mumps	2	0	0	2
	Pertussis	61	83	1	145
Central Nervous System	Enceph Viral Other	3	7	0	10
	Meningitis Viral/Aseptic	96	96	1	193
	Meningococcal Meningitis	8	7	0	15
Enterics	Amebiasis	12	4	0	16
	Botulism	0	2	0	2
	Campylobacteriosis	172	139	7	318
	Cholera	0	0	0	0
	Cryptosporidiosis	4	3	0	7
	<i>E. Coli</i> O157.H7	11	9	0	20
	Giardiasis	121	85	2	208
	Listeriosis	3	5	0	8
	Salmonella Paratyphi	1	0	0	1
	Salmonellosis	183	188	3	374
	Shigellosis	120	128	4	252
	Typhoid	1	0	0	1
Mycosis	Coccidioidomycosis	981	728	5	1,714
Zoonoses/ Vectorborne	Brucellosis	2	2	0	4
	Dengue	1	0	0	1
	Hantavirus Pulm. Syn.	0	0	0	0
	Lyme Disease	2	0	0	2
	Malaria	9	5	0	14
Hepatitides	Hepatitis A	113	83	1	197
	Hepatitis B (Acute)	78	35	1	114
	Hepatitis C	964	448	9	1,421
	Hepatitis D	0	0	0	0
Other	Legionellosis	6	5	0	11
	Strep Group A	75	57	3	135
	Strep Group B	25	19	0	44
	Strep Pneumo Invasive	235	233	5	473
	Toxic Shock Syndrome	0	0	0	0
	Vibrio spp.	2	3	0	5
	VRE	258	341	11	610
	Yersiniosis	1	1	0	2
	Hansen's Disease	1	1	0	2
Tuberculosis		101	62	0	163
Sexually Transmitted Diseases	Genital Herpes	288	527	0	815
	Gonorrhea	1,652	1,172	0	2,824
	Syphilis – Primary and Secondary	109	41	0	150
	Syphilis – All Others	449	409	0	858
	Chlamydia	2,107	6,857	0	8,964
	HIV	295	40	0	335
	AIDS	263	35	0	298
All Others		3	3	3	9
Total		8,841	11,881	56	20,778

Maricopa County 2001 Communicable Disease Statistics

Table 3.03b Case Rates per 100,000 Residents for Selected Reportable Diseases by Gender

Disease		Gender			Total
		Male	Female	Unk.	
Vaccine Preventable	<i>H. influenzae</i>	1.4	1.1	-	1.3
	Measles	0	0.1	-	0.0
	Mumps	0.1	0	-	0.1
	Pertussis	3.8	5.2	-	4.5
Central Nervous System	Enceph Viral Other	0.2	0.4	-	0.3
	Meningitis Viral/Aseptic	6.0	6.0	-	6.0
	Meningococcal Meningitis	0.5	0.4	-	0.5
Enterics	Amebiasis	0.7	0.3	-	0.5
	Botulism	0	0.1	-	0.1
	Campylobacteriosis	10.7	8.7	-	10.0
	Cholera	0	0	-	0
	Cryptosporidiosis	0.2	0.2	-	0.2
	<i>E. Coli</i> O157.H7	0.7	0.6	-	0.6
	Giardiasis	7.6	5.3	-	6.5
	Listeriosis	0.2	0.3	-	0.3
	Salmonella Paratyphi	0.1	0	-	0.0
	Salmonellosis	11.4	11.8	-	11.7
	Shigellosis	7.5	8.0	-	7.9
	Typhoid	0.1	0	-	0.0
Mycosis	Coccidioidomycosis	61.3	45.6	-	53.6
Zoonoses/ Vectorborne	Brucellosis	0.1	0.1	-	0.1
	Dengue	0.1	0	-	0.0
	Hantavirus Pulm. Syn.	0	0	-	0
	Lyme Disease	0.1	0	-	0.1
	Malaria	0.6	0.3	-	0.4
	Hepatitis A	7.1	5.2	-	6.2
Hepatitides	Hepatitis B (Acute)	4.9	2.2	-	3.6
	Hepatitis C	60.2	28.1	-	44.5
	Hepatitis D	0	0	-	0
	Legionellosis	0.4	0.3	-	0.3
Other	Strep Group A	4.7	3.6	-	4.2
	Strep Group B ¹	0.9	0.7	-	0.8
	Strep Pneumo Invasive	14.7	14.6	-	14.8
	Toxic Shock Syndrome	0	0	-	0
	Vibrio spp.	0.1	0.2	-	0.2
	VRE	16.1	21.4	-	19.1
	Yersiniosis	0.1	0.1	-	0.1
	Hansen's Disease	0.1	0.1	-	0.1
	Tuberculosis	6.3	3.9	-	5.1
	Sexually Transmitted Diseases				
	Genital Herpes	18.0	33.0	-	25.5
	Gonorrhea	103.2	73.5	-	88.4
	Syphilis – Primary and Secondary	6.8	2.6	-	4.7
	Syphilis – All Others	28.1	25.6	-	26.8
	Chlamydia	131.6	429.9	-	280.5
	HIV	18.4	2.5	-	10.5
	AIDS	16.4	2.2	-	9.3
All Others		0.2	0.2	-	0.3
Total		552.3	744.8	-	650.1

¹ Rates for Streptococcal Group B Invasive in infants <90 days are per 1,000 live births.

IV. Maricopa County 2001 Natality (Birth) Statistics

Maricopa County 2001 Natality (Birth) Statistics

Table 4.01 Number and Percent of Births by Age and Race/Ethnicity of Mother

Age Group of Mother	Race/Ethnicity														Total	
	White		Hispanic		African American		Amer. Ind., Non-Hisp.		Amer. Ind., Hisp.		Asian		Other			
	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%
<15	15	0.1	97	0.4	9	0.4	9	0.6	1	0.9	0	0	0	0	131	0.2
15-19	1,902	7.2	4,435	18.6	388	19.2	259	17.1	35	31.3	61	4.0	11	4.5	7,091	12.7
20-24	5,857	22.2	7,708	32.3	646	32.0	536	35.5	41	36.6	229	15.2	44	18.2	15,061	27.1
25-29	7,487	28.4	6,386	26.7	515	25.5	388	25.7	18	16.1	466	30.9	61	25.2	15,321	27.5
30-34	7,007	26.6	3,556	14.9	284	14.1	222	14.7	12	10.7	498	33.0	62	25.6	11,641	20.9
35-39	3,339	12.7	1,400	5.9	145	7.2	85	5.6	5	4.5	218	14.4	39	16.1	5,231	9.4
40-44	703	2.7	284	1.2	30	1.5	11	0.7	0	0	35	2.3	20	8.3	1,083	1.9
45+	39	0.1	12	0.1	2	0.1	1	0.1	0	0	2	0.1	5	2.1	61	0.1
Unk.	0	0	3	0.0	0	0	0	0	0	0	0	0	0	0	3	0.0
Total	26,349		23,881		2,019		1,511		112		1,509		242		55,623	

Table 4.02 Number and Percent of Births by Marital Status and Race/Ethnicity of Mother

Marital Status of Mother	Race/Ethnicity														Total	
	White		Hispanic		African American		Amer. Ind., Non-Hisp.		Amer. Ind., Hisp.		Asian		Other			
	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%
Married	20,244	76.8	11,240	47.1	691	34.2	461	30.5	33	29.5	1,280	84.8	196	81.0	34,145	61.4
Single	5,894	22.4	12,420	52.0	1,308	64.8	1,032	68.3	79	70.5	223	14.8	44	18.2	21,000	37.8
Refused	186	0.7	194	0.8	20	1.0	18	1.2	0	0	4	0.3	2	0.8	424	0.8
Divorced	17	0.1	16	0.1	0	0	0	0	0	0	1	0.1	0	0	34	0.1
Unknown	8	0.0	11	0.0	0	0	0	0	0	0	1	0.1	0	0	20	0.0
Total	26,349		23,881		2,019		1,511		112		1,509		242		55,623	

Table 4.03 Number and Percent of Births by Educational Level and Race/Ethnicity of Mother

Education Level of Mother	Race/Ethnicity														Total	
	White		Hispanic		African American		Amer. Ind., Non-Hisp.		Amer. Ind., Hisp.		Asian		Other			
	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%
<6 th Grade	50	0.2	993	4.2	12	0.6	3	0.2	0	0	13	0.9	3	1.2	1,074	1.9
6 th - 11 th Grade	2,525	9.6	12,534	52.5	469	23.2	457	30.2	58	51.8	98	6.5	18	7.4	16,159	29.1
HS Diploma	6,822	25.9	6,080	25.5	689	34.1	505	33.4	26	23.2	316	20.9	37	15.3	14,475	26.0
College+	16,454	62.4	3,708	15.5	793	39.3	520	34.4	27	24.1	1,045	69.3	86	35.5	22,633	40.7
Unknown	498	1.9	566	2.4	56	2.8	26	1.7	1	0.9	37	2.5	98	40.5	1,282	2.3
Total	26,349		23,881		2,019		1,511		112		1,509		242		55,623	

Maricopa County 2001 Natality (Birth) Statistics

Table 4.04 Trimester of First Prenatal Care by Race/Ethnicity of Mother

Trimester of First Prenatal Care	Race/Ethnicity														Total	
	White		Hispanic		African American		Amer. Ind., Non-Hisp.		Amer. Ind., Hisp.		Asian		Other			
	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%
First	23,552	89.4	15,838	66.3	1,515	75.0	1,005	66.5	64	57.1	1,281	84.9	174	71.9	43,429	78.1
Second	2,083	7.9	5,601	23.5	351	17.4	363	24.0	40	35.7	168	11.1	36	14.9	8,642	15.5
Third	320	1.2	1,390	5.8	65	3.2	86	5.7	5	4.5	21	1.4	10	4.1	1,897	3.4
None	157	0.6	613	2.6	34	1.7	28	1.9	3	2.7	19	1.3	10	4.1	864	1.6
Unknown	237	0.9	439	1.8	54	2.7	29	1.9	0	0	20	1.3	12	5.0	791	1.4
Total	26,349		23,881		2,019		1,511		112		1,509		242		55,623	

Table 4.05 Number and Percent of Prenatal Care Visits by Race/Ethnicity of Mother

Number of Prenatal Care Visits	Race/Ethnicity														Total	
	White		Hispanic		African American		Amer. Ind., Non-Hisp.		Amer. Ind., Hisp.		Asian		Other			
	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%
None	157	0.6	613	2.6	34	1.7	28	1.9	3	2.7	19	1.3	10	4.1	864	1.6
1 to 4	332	1.3	1,367	5.7	78	3.9	89	5.9	9	8.0	13	0.9	11	4.5	1,899	3.4
5 to 8	1,847	7.0	3,877	16.2	271	13.4	295	19.5	28	25.0	149	9.9	31	12.8	6,498	11.7
9 to 12	13,292	50.4	7,983	33.4	751	37.2	702	46.5	50	44.6	833	55.2	108	44.6	23,719	42.6
13 to 16	8,216	31.2	8,554	35.8	624	30.9	291	19.3	18	16.1	403	26.7	64	26.4	18,170	32.7
17 or More	1,733	6.6	638	2.7	116	5.7	52	3.4	2	1.8	59	3.9	2	0.8	2,602	4.7
Unknown	772	2.9	849	3.6	145	7.2	54	3.6	2	1.8	33	2.2	16	6.6	1,871	3.4
Total	26,349		23,881		2,019		1,511		112		1,509		242		55,623	

**Table 4.06 Adequacy of Prenatal Care by Race/Ethnicity of Mother
Singleton Births Only**

Adequacy of Prenatal Care	Race/Ethnicity														Total	
	White		Hispanic		African American		Amer. Ind., Non-Hisp.		Amer. Ind., Hisp.		Asian		Other			
	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%
Inadequate	1,421	5.6	5,236	22.4	278	14.4	316	21.2	29	26.4	120	8.1	44	19.1	7,444	13.8
Intermediate	2,025	8.0	2,356	10.1	177	9.2	173	11.6	12	10.9	162	11.0	23	10.0	4,928	9.1
Adequate	13,175	51.9	7,132	30.5	680	35.3	612	41.1	51	46.4	766	51.9	91	39.6	22,507	41.7
Adequate Plus	8,018	31.6	7,701	33.0	645	33.5	322	21.6	16	14.5	392	26.5	56	24.3	17,150	31.8
Information Missing	749	3.0	946	4.0	144	7.5	67	4.5	2	1.8	37	2.5	16	7.0	1,961	3.6
Total	25,388		23,371		1,924		1,490		110		1,477		230		53,990	

Maricopa County 2001 Natality (Birth) Statistics

Table 4.07 Birthweight of Infant by Race/Ethnicity of Mother

Birthweight of Infant	Race/Ethnicity														Total	
	White		Hispanic		African American		Amer. Ind., Non-Hisp.		Amer. Ind., Hisp.		Asian		Other			
	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%
<1500 Grams	263	1.0	246	1.0	56	2.8	21	1.4	0	0	10	0.7	6	2.5	602	1.1
1500-2499 Grams	1,459	5.5	1,336	5.6	226	11.2	90	6.0	6	5.4	111	7.4	19	7.9	3,247	5.8
2500-4249 Grams	23,626	89.7	21,507	90.1	1,692	83.8	1,327	87.8	102	91.1	1,366	90.5	205	84.7	49,825	89.6
>4249 Grams	992	3.8	781	3.3	45	2.2	72	4.8	4	3.6	22	1.5	11	4.5	1,927	3.5
Unknown	9	0.0	11	0.0	0	0	1	0.1	0	0	0	0	1	0.4	22	0.0
Total	26,349		23,881		2,019		1,511		112		1,509		242		55,623	

Table 4.08 Preterm Births (Less than 37 Weeks Gestation) by Race/Ethnicity of Mother

Gestational Estimate	Race/Ethnicity														Total	
	White		Hispanic		African American		Amer. Ind., Non-Hisp.		Amer. Ind., Hisp.		Asian		Other			
	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%
<37 Weeks Gestation	2,674	10.1	2,319	9.7	296	14.7	157	10.4	7	6.3	147	9.7	30	12.4	5,630	10.1
≥37 Weeks Gestation	23,659	89.8	21,527	90.1	1,719	85.1	1,350	89.3	105	93.8	1,360	90.1	210	86.8	49,930	89.8
Unknown	16	0.1	35	0.1	4	0.2	4	0.3	0	0	2	0.1	2	0.8	63	0.1
Total	26,349		23,881		2,019		1,511		112		1,509		242		55,623	

Maricopa County 2001 Natality (Birth) Statistics

Table 4.09 Number and Percent of Births by Marital Status and Age Group of Mother

Marital Status of Mother	Age Group of Mother																		Total	
	<15		15-19		20-24		25-29		30-34		35-39		40-44		45+		Unknown			
	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%
Married	1	0.8	1,348	19.0	7,238	48.1	10,860	70.9	9,460	81.3	4,309	82.4	877	81.0	51	83.6	1	33.3	34,145	61.4
Single	130	99.2	5,727	80.8	7,675	51.0	4,293	28.0	2,097	18.0	873	16.7	194	17.9	9	14.8	2	66.7	21,000	37.8
Refused	0	0	13	0.2	135	0.9	154	1.0	69	0.6	41	0.8	11	1.0	1	1.6	0	0	424	0.8
Divorced	0	0	2	0.0	6	0.0	10	0.1	10	0.1	5	0.1	1	0.1	0	0	0	0	34	0.1
Unknown	0	0	1	0.0	7	0.0	4	0.0	5	0.0	3	0.1	0	0	0	0	0	0	20	0.0
Total	131		7,091		15,061		15,321		11,641		5,231		1,083		61		3		55,623	

Table 4.10 Number and Percent of Births by Educational Level and Age Group of Mother

Educational Level of Mother	Age Group of Mother																		Total	
	<15		15-19		20-24		25-29		30-34		35-39		40-44		45+		Unknown			
	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%
<6 th Grade	2	1.5	106	1.5	296	2.0	284	1.9	205	1.8	133	2.5	46	4.2	1	1.6	1	33.3	1,074	1.9
6 th -11 th Grade	124	94.7	4,609	65.0	5,217	34.6	3,630	23.7	1,778	15.3	672	12.8	117	10.8	10	16.4	2	66.7	16,159	29.1
HS Diploma	0	0	1,836	25.9	5,154	34.2	3,915	25.6	2,340	20.1	1,009	19.3	211	19.5	10	16.4	0	0	14,475	26.0
College+	0	0	397	5.6	4,017	26.7	7,189	46.9	7,058	60.6	3,279	62.7	661	61.0	32	52.5	0	0	22,633	40.7
Unknown	5	3.8	143	2.0	377	2.5	303	2.0	260	2.2	138	2.6	48	4.4	8	13.1	0	0	1,282	2.3
Total	131		7,091		15,061		15,321		11,641		5,231		1,083		61		3		55,623	

Table 4.11 Trimester of First Prenatal Care by Age Group of Mother

Trimester of First Prenatal Care	Age Group of Mother																		Total	
	<15		15-19		20-24		25-29		30-34		35-39		40-44		45+		Unknown			
	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%
First	61	46.6	4,503	63.5	11,085	73.6	12,401	80.9	9,925	85.3	4,507	86.2	897	82.8	49	80.3	1	33.3	43,429	78.1
Second	43	32.8	1,854	26.1	2,850	18.9	2,093	13.7	1,198	10.3	484	9.3	112	10.3	7	11.5	1	33.3	8,642	15.5
Third	14	10.7	411	5.8	626	4.2	435	2.8	261	2.2	113	2.2	36	3.3	1	1.6	0	0	1,897	3.4
None	9	6.9	182	2.6	270	1.8	201	1.3	116	1.0	60	1.1	23	2.1	2	3.3	1	33.3	864	1.6
Unknown	4	3.1	141	2.0	230	1.5	191	1.2	141	1.2	67	1.3	15	1.4	2	3.3	0	0	791	1.4
Total	131		7,091		15,061		15,321		11,641		5,231		1,083		61		3		55,623	

Maricopa County 2001 Natality (Birth) Statistics

Table 4.12 Number and Percent of Prenatal Care Visits by Age Group of Mother

Number of Prenatal Care Visits	Age Group of Mother																		Total	
	<15		15-19		20-24		25-29		30-34		35-39		40-44		45+		Unknown			
	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%
None	9	6.9	182	2.6	270	1.8	201	1.3	116	1.0	60	1.1	23	2.1	2	3.3	1	33.3	864	1.6
1 to 4	8	6.1	392	5.5	656	4.4	435	2.8	272	2.3	108	2.1	27	2.5	1	1.6	0	0	1,899	3.4
5 to 8	28	21.4	1,224	17.3	2,034	13.5	1,565	10.2	1,064	9.1	473	9.0	104	9.6	5	8.2	1	33.3	6,498	11.7
9 to 12	38	29.0	2,701	38.1	6,101	40.5	6,719	43.9	5,317	45.7	2,335	44.6	484	44.7	23	37.7	1	33.3	23,719	42.6
13 to 16	43	32.8	2,153	30.4	4,917	32.6	5,211	34.0	3,808	32.7	1,710	32.7	310	28.6	18	29.5	0	0	18,170	32.7
17 or More	1	0.8	189	2.7	567	3.8	732	4.8	670	5.8	351	6.7	82	7.6	10	16.4	0	0	2,602	4.7
Unknown	4	3.1	250	3.5	516	3.4	458	3.0	394	3.4	194	3.7	53	4.9	2	3.3	0	0	1,871	3.4
Total	131		7,091		15,061		15,321		11,641		5,231		1,083		61		3		55,623	

**Table 4.13 Adequacy of Prenatal Care by Age Group of Mother
Singleton Births Only**

Adequacy of Prenatal Care	Age Group of Mother																		Total	
	<15		15-19		20-24		25-29		30-34		35-39		40-44		45+		Unknown			
	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%
Inadequate	45	34.4	1,661	23.7	2,485	16.9	1,706	11.5	999	8.9	425	8.5	116	11.4	5	11.1	2	66.7	7,444	13.8
Intermediate	15	11.5	640	9.1	1,416	9.6	1,348	9.1	1,000	8.9	437	8.8	67	6.6	5	11.1	0	0	4,928	9.1
Adequate	26	19.8	2,353	33.6	5,687	38.6	6,422	43.1	5,232	46.8	2,297	46.1	475	46.8	15	33.3	0	0	22,507	41.7
Adequate Plus	40	30.5	2,048	29.3	4,590	31.1	4,935	33.1	3,577	32.0	1,628	32.7	314	30.9	17	37.8	1	33.3	17,150	31.8
Information Missing	5	3.8	293	4.2	565	3.8	481	3.2	380	3.4	191	3.8	43	4.2	3	6.7	0	0	1,961	3.6
Total	131		6,995		14,743		14,892		11,188		4,978		1,015		45		3		53,990	

Maricopa County 2001 Natality (Birth) Statistics

Table 4.14 Birthweight of Infant by Age Group of Mother

Birthweight of Infant	Age Group of Mother																		Total	
	<15		15-19		20-24		25-29		30-34		35-39		40-44		45+		Unknown			
	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%
<1500 Grams	1	0.8	81	1.1	146	1.0	160	1.0	113	1.0	80	1.5	16	1.5	4	6.6	1	33.3	602	1.1
1500-2499 Grams	10	7.6	513	7.2	865	5.7	761	5.0	675	5.8	340	6.5	74	6.8	9	14.8	0	0	3,247	5.8
2500-4249 Grams	120	91.6	6,358	89.7	13,580	90.2	13,826	90.2	10,379	89.2	4,569	87.3	945	87.3	46	75.4	2	66.7	49,825	89.6
>4249 Grams	0	0	136	1.9	463	3.1	567	3.7	472	4.1	240	4.6	47	4.3	2	3.3	0	0	1,927	3.5
Unknown	0	0	3	0.0	7	0.0	7	0.0	2	0.0	2	0.0	1	0.1	0	0	0	0	22	0.0
Total	131		7,091		15,061		15,321		11,641		5,231		1,083		61		3		55,623	

Table 4.15 Preterm Births (Less than 37 Weeks Gestation) by Age Group of Mother

Gestational Estimate	Age Group of Mother																		Total	
	<15		15-19		20-24		25-29		30-34		35-39		40-44		45+		Unknown			
	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%
<37 Weeks Gestation	17	13.0	771	10.9	1,412	9.4	1,437	9.4	1,211	10.4	610	11.7	154	14.2	17	27.9	1	33.3	5,630	10.1
≥37 Weeks Gestation	114	87.0	6,309	89.0	13,627	90.5	13,874	90.6	10,419	89.5	4,616	88.2	925	85.4	44	72.1	2	66.7	49,930	89.8
Unknown	0	0	11	0.2	22	0.1	10	0.1	11	0.1	5	0.1	4	0.4	0	0	0	0	63	0.1
Total	131		7,091		15,061		15,321		11,641		5,231		1,083		61		3		55,623	

V. Technical Notes

Population Statistics

Population statistics are shown in Tables **1.01** and **1.02**. This report used the most recent U.S. Census data and estimates for population figures at the time of analysis.

- The Maricopa County population is from the U.S. Census Bureau, County Population Estimates by Age, Sex, Race and Hispanic Origin for July 1, 2005, released August 4, 2006. This is at <http://www.census.gov/popest/counties/files/CO-EST2005-ALLDATA.csv>

The population figures in this report may differ from figures in previous Maricopa County Department of Public Health (MCDPH) and other reports in two ways. First, some reports use Arizona Department of Economic Security (ADES) or MCDPH estimates for population data. Second, some reports may use the first published estimates by the 2000 U.S. Census. This report uses the most recent U.S. Census population figures and estimates for 2001. For a complete explanation on how the most recent U.S. Census data differ from the first published U.S. Census data, see the following: “2000 Census of Population and Housing, Notes and Errata” at www.census.gov/prod/cen2000/notes/errata.pdf.

This report defines “Hispanic” as: all respondents listing Hispanic, either alone or in combination with any race that do not identify themselves as American Indian or Alaska Native. This report separates the American Indian population by ethnicity (Hispanic, Non-Hispanic). The table below shows how the U.S. Census variables of “origin” and “race” are used for categorization in this report.

Table 5.1 Race/Ethnicity Categories Used in This Report		
Category Used in This Report	U.S. Census Code “Race”	U.S. Census Code “Origin”
White	Race=1 (White Alone)	Origin=1 (Non-Hispanic)
African American	Race=2 (Black Alone)	Origin=1 (Non-Hispanic)
American Indian, Non-Hispanic	Race=3 (American Indian or Alaska Native Alone)	Origin=1 (Non-Hispanic)
American Indian, Hispanic	Race=3 (American Indian or Alaska Native Alone)	Origin=2 (Hispanic)
Asian	Race=4 (Asian Alone) or 5 (Native Hawaiian or Other Pacific Islander Alone)	Origin=1 (Non-Hispanic)
Other	Race=6 (Two or More Races)	Origin=1 (Non-Hispanic)
Hispanic	Race=1,2,4,5,6	Origin=2 (Hispanic)

Mortality (Death) Statistics

Mortality (death) statistics are shown in Tables **2.01a** through **2.11**. Any crude death rate can be calculated by taking the number of deaths from any mortality table in this report and dividing it by the appropriate age, gender, race/ethnicity, or total population denominator found in Tables **1.01** and **1.02**. In tables where rates are shown, “0” means there were no cases/deaths in that category. However, when the number “0.0” is shown, it means that there were fewer than .05 deaths per 100,000 residents.

All data on mortality statistics are from the Arizona Department of Health Services (ADHS) final annual files. The Maricopa County mortality data are from death certificates for Maricopa County residents only. This includes Maricopa County residents who died in Maricopa County and residents who died elsewhere. Non-Maricopa County residents who died in Maricopa County are not included.

For both mortality and morbidity (communicable disease), rates for some racial/ethnic populations such as American Indians, Asians, and African Americans are high compared to other groups. Because these groups have relatively small populations in Maricopa County (under 150,000 residents as shown in Tables **1.01** and **1.02**), these high rates may represent very few deaths/cases. Among small populations, rates are less stable so one case or death can cause a big increase or decrease in the rates. Therefore, it is advisable to examine the raw number of cases or deaths, in addition to the rates.

In Tables **2.03a** through **2.05b**, unintentional injury deaths can be found by adding two categories – “motor vehicle collisions” and “all other accidents and adverse effects.” The total for unintentional injuries in this report is higher than the figure reported by ADHS because deaths from “complications of medical and surgical care” are included in this report. This convention follows the national model for classifying unintentional injuries. “Complications of medical and surgical care” include deaths from medical devices, adverse effects related to correct doses of therapeutic medications, and misadventures to patients during surgical or medical care (ICD-10 Y40-Y84, Y88).

Tables **2.01b**, **2.02b**, **2.03b**, **2.04b**, **2.06b**, and **2.07b** do not provide a rate for the categories labeled “Unknown Age” or “Unknown Race/Ethnicity.” This is because there is no denominator to use for calculating the rate as the U.S. Census does not report any data on “unknown age” or “unknown race/ethnicity.”

Unless otherwise noted, all deaths are attributed to one underlying condition, based on death certificate information, using the rules of the International Classification of Diseases. Causes of death are classified by ICD-10 codes. The codes used for each category are listed in Table **5.2** below.

Firearm, drug, and alcohol induced deaths are also included in a number of other categories, such as suicide, homicide, unintentional injury, etc. For example, a firearm induced death may also be classified as a suicide, homicide, or “other accident or adverse effect.” An alcohol induced death may be attributed to a long or short term effect of alcohol, such as acute alcohol intoxication or alcoholic cardiomyopathy.

For Tables **2.03b**, **2.04b**, and **2.05b**, prostate cancer rates are calculated among men only (using only male residents in the denominator), and uterine & ovarian cancer rates are calculated among women only (using only female residents as the denominator). In all other tables, and for all other diseases, the total population is used for the denominator for both conditions.

Table 5.2 ICD-10 Codes Used for This Report

Cause	ICD-10 Codes Used (2001-2005)
Tuberculosis	A16-A19
Syphilis	A50-A53
HIV Disease	B20-B24
Malignant Neoplasms (Cancer)	C00-C97
Malignant Neoplasm of the Stomach	C16
Malignant Neoplasm of the Colon	C18-C21
Malignant Neoplasm of the Pancreas	C25
Malignant Neoplasm of Bronchus, Lung, or Trachea	C33-C34
Malignant Neoplasm of the Breast	C50
Malignant Neoplasm of the Uterus, Cervix, Ovary	C53-C56
Malignant Neoplasm of the Prostate	C61
Malignant Neoplasm of Urinary Organs	C64-C68
Non-Hodgkins Lymphoma	C82-C85
Leukemia	C91-C95
Other Malignant Neoplasms	C00-C15, C17, C22-C24, C26-C32, C37-C49, C51-C52, C57-C60, C62-C63, C69-C81, C88, C90, C96-97
Diabetes	E10-E14
Alzheimer's	G30
Major Cardiovascular Disease	I00-I78
Disease of Heart	I00-I09, I11, I13, I20-I51
Hypertensive Heart Disease	I11, I13
Ischemic Heart Disease	I20-I25
Other Heart Disease	I00-I09, I26-I51
Primary Hypertension	I10, I12
Cerebrovascular Diseases	I60-I69
Atherosclerosis	I70
Other Circulatory	I71-I78
Influenza & Pneumonia	J10-J18
Chronic Lower Respiratory	J40-J47
Peptic Ulcer	K25-K28
Liver Disease, including chronic liver disease, cirrhosis, alcoholic liver disease, and other chronic liver disease	K70, K73-K74
Nephritis, nephritic syndrome and nephrosis	N00-N07, N17-N19, N25-N27
Pregnancy, childbirth, and the puerperium	O00-O99
Perinatal Conditions	P00-P96
Congenital Malformations	Q00-Q99
SIDS (Sudden Infant Death Syndrome)	R95
Ill Defined Disease Conditions (Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified, excluding SIDS)	R00-R94, R96-R99
All Other Diseases	A00-A09, A20-A49, A54-B19, B25-B99, D00-E07, E15-G25, G31-H93, I80-J06, J20-J39, J60-K22, K29-K66, K71-K72, K75-M99, N10-N15N20-N23, N28-N98

(Table Continues)

(Table 5.2, Continued)

Cause	ICD-10 Codes Used (2001-2005)
Motor Vehicle Collisions	V02-V04, V09.0, V09.2, V12-V14, V19.0 - V19.2, V19.4-V19.6, V20-V79, V80.3-V80.5, V81.0-V81.1, V82.0-V82.1, V83-V86, V87.0-V87.8, V88.0-V88.8, V89.0 V89.2
All Other Accidents & Adverse Effects	V01, V05-V06, V09.1, V09.3-V09.9, V10-V11, V15-V18, V19.3, V19.8-V19.9, V80.0-V80.2, V80.6-V80.9, V81.2-V81.9, V82.2-V82.9, V87.9, V88.9, V89.1, V89.3, V89.9 V90-X29, X31-X59, Y40-Y86, Y88
Suicide	U03, X60-X84, Y87.0
Homicide	U01-U02, X85-Y09, Y87.1
All Other External Causes	Y10-Y36, Y87.2, Y89
Unknown Causes	No ICD code listed
Firearm Related	W32-W34, X72-X74, X93-X95, Y22-Y24, Y35.0
Drug Induced	F11.0-F11.5, F11.7-F11.9, F12.0-F12.5, F12.7-F12.9, F13.0-F13.5, F13.7-F13.9, F14.0-F14.5, F14.7-F14.9, F15.0-F15.5, F15.7-F15.9, F16.0-F16.5, F16.7-F16.8, F17.0, F17.3-F17.5, F17.7-F17.9, F18.0-F18.5, F18.7-F18.9, F19.0-F19.5, F19.7-F19.9, X40-X44, X60-X64, X85, Y10-Y14
Alcohol Induced	F10, G31.2, G62.1, I42.6, K29.2, K70, R78.0, X45, X65, Y15

Communicable Disease (Morbidity) Statistics

Communicable disease statistics are shown in Tables **3.01a** through **3.03b**. Any morbidity rate except for Streptococcal Group B Invasive disease can be calculated by taking the number of cases from any communicable disease table in this report and dividing it by the appropriate age, gender, race/ethnicity, or total population denominator found in Tables **1.01** and **1.02**. Because Streptococcal Group B Invasive disease is only reportable in infants under 90 days, these numbers are divided by the number of live births, to produce a rate per 1,000 live births.

The Maricopa County morbidity data are for Maricopa County residents only. This includes Maricopa County residents who acquired a disease in Maricopa County and residents who acquired a disease elsewhere. Non-Maricopa County residents are not included, even if they acquired a disease in Maricopa County. Other reports may show different morbidity rates because they include non-residents who acquired disease in Maricopa County or they exclude residents who were exposed outside of the county. For example, MCDPH Health Status Reports show six residents with West Nile virus (WNV) in 2003. Two of these cases acquired WNV outside of Maricopa County, the other four cases were acquired locally. Other reports and press releases may focus on only the locally acquired WNV cases, regardless of the residency status of the cases. For Hansen's disease only, tables include residents from various counties in Arizona, regardless of where the disease was acquired.

Communicable disease data are from the ADHS final annual files with several exceptions: data on hepatitis C, genital herpes, gonorrhea, chlamydia, syphilis, and Hansen's disease are from MCDPH. Because the MCDPH communicable disease database is continuously updated, the data for hepatitis C can change somewhat over time. Hepatitis C data for 2001 used in this report

were generated on October 31, 2006 for confirmed, acute and chronic, physician-reported cases among Maricopa County residents.

In previous Health Status Reports, hepatitis B data were also obtained from the MCDPH. However, there have been a number of issues contributing to unreliable hepatitis B data. Therefore, this report uses hepatitis B data for acute cases from ADHS.

Data on tuberculosis, STDs, HIV, and AIDS may differ from other reports published by MCDPH and ADHS. Data on these diseases are in databases that may have been updated during the time between reports. HIV/AIDS data for Maricopa County are from October 27, 2006 and were provided to MCDPH for this report. Primary and secondary syphilis is shown as "Syphilis-Prim. and Sec". The "Syphilis - All others" category includes latent and congenital syphilis. These two categories can be added to determine the total number of syphilis cases. Syphilis data were generated on February 23, 2006.

Morbidity data include only confirmed cases, with the exception of Hansen's disease. Data for Hansen's disease includes all confirmed, suspect, and probable cases diagnosed in Maricopa County, including diagnoses to non-county residents. All communicable disease statistics in this report are new cases for each specified year (incidence). The only exception is Hansen's disease for which the prevalence (all existing cases from all years) is shown. The figures presented for Hansen's disease differ from previous years due to the addition of several cases diagnosed in previous years but only recently available.

Morbidity data for hepatitis C are classified by the earliest date in the record. The earliest date may be date of onset, date of diagnosis, or date of report. HIV, AIDS, and Hansen's disease data are classified by date of diagnosis. All other data are classified by date of report.

The category "Encephalitis Viral" includes St. Louis encephalitis and all other types of viral encephalitis. This may differ somewhat from other reports that include only certain types of encephalitides.

In Tables **3.01a** through **3.03b**, the category labeled "All Others" includes all reportable diseases in the ADHS communicable disease database that are not listed previously on the table.

Natality (Birth) Statistics

Natality (birth) statistics are shown in Tables **4.01** through **4.15**.

In the course of routine data cleaning, duplicate natality records were identified. Three duplicated records have been deleted from the natality records in 2001. As a result of these deletions, the numbers presented in this report may not match those presented by ADHS for Maricopa County.

The natality percentages for older and younger maternal age groups (under 15 and over 45) may be high compared to other groups. These groups have relatively small populations in Maricopa County. Although percentages may be high, they may represent only one or two cases in a given category. Therefore, it is advisable to check the raw numbers.

Adequate prenatal care is based on the Adequacy of Prenatal Care Utilization Index (APCUI)¹. This index considers both the timing of prenatal care initiation and the number of visits after care was initiated, comparing the number of actual visits to the number of visits recommended by the American College of Obstetricians and Gynecologists. This index does not describe the quality of the care or adjust for maternal risk factors. Only singleton births are shown in these tables because twins and higher order births are typically higher risk pregnancies, and the index is not appropriate for summarizing their prenatal care usage.

¹ Kotelchuck, M. An Evaluation of the Kessner Adequacy of Prenatal Care Index and a Proposed Adequacy of Prenatal Care Utilization Index, American Journal of Public Health, 1994; 84(9):1414-1420.

- a) Inadequate: Prenatal care began after the fourth month of pregnancy or less than 50% of the expected prenatal care visits were attended
- b) Intermediate: Prenatal care began before the fourth month and 50 to 70% of the expected visits were attended
- c) Adequate: Prenatal care began prior to the fourth month and 80-109% of expected visits were attended
- d) Adequate plus: Prenatal care began prior to the fourth month of pregnancy and 110% or more of the expected visits were attended

The following definitions related to reproductive health have been established by NCHS²:

- Birth or Live Birth – The complete expulsion or extraction from the mother of a product of human conception, irrespective of the duration of pregnancy or birthweight which, after such expulsion or extraction, breathes or shows any other evidence of life such as beating of the heart, pulsation of the umbilical cord or definite movement of voluntary muscles, whether or not the umbilical cord has been cut or the placenta is attached.
- Birth Rate – Number of live births during a calendar year per 1,000 population.
- Births to Teenage Mothers – Live births occurring to females under age twenty.
- Birth Weight – The weight of a neonate determined immediately after delivery or as soon thereafter as possible.
- Low Birthweight – Any neonate weighing less than 2,500 grams at birth (less than 5 pounds 8 ounces).
- Very Low Birthweight – Any neonate weighing less than 1,500 grams at births (less than 3 pounds, 4 ounces).
- Preterm – Any neonate whose birth occurs through the end of the last day of the 37th week (259th day), following onset of the last menstrual period.
- Infant Death – Any death at any time from birth up to, but not including, the first year of age (<365 days).
- Infant Mortality Rate – Number of infant deaths per 1,000 live births.
- Unlinked Infant Mortality – The number of infant deaths in a given calendar year, as determined from mortality records.
- Linked Infant Mortality – Whenever possible, infant death certificate data are linked to birth certificate information to determine parental, demographic and birth data. Not all infant deaths can be linked (up to 3% are lost to follow-up).

More Information

For more information on population and health statistics, please visit the following websites:

- Maricopa County Department of Public Health: http://www.maricopa.gov/Public_Health/
- Arizona Department of Health Services: www.hs.state.az.us
- Centers for Disease Control and Prevention, National Center for Health Statistics: www.cdc.gov/nchs
- Department of Economic Security: www.de.state.az.us

² NCHS guidelines were adopted from those established by the World Health Organization (WHO).